CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Paper mill, Mobile, Ala., International Paper Co., New York, plans, $5,000,000.

Schools, New York, N. Y., Bd. of Educ., plans, total, $3,950,000.

Stores and office, New York, N. Y., F. J. Schoonmacher, take bids late in September, $3,250,000.

Store, J. Eaton Co., Ltd., Toronto, Ont., plans, $2,500,000.

Sewage system, Tacoma, Wash., plans, $2,223,816.

Roads, Gainesville, Tex., Cooke County, bond election Sept. 11, $2,000,000.

Apartment, Chicago, Ill., Syndicate, c/o B. Steif & Co., archts., soon takes bids, $1,500,000.

Irrigation system, Rio Grande City, Tex., Starr County Water Impvt. Dist. 1, voted bonds, $1,500,000.

Roads, Colorado, State Hy. Dpt., Denver, plans, $1,500,000.

Waterworks, Phoenix, Ariz., plans, $1,500,000.

Theater, Hackensack, N. J., Stanley Fabian Corp., plans, $1,000,000.

Airport, East St. Louis, Ill., St. Louis Air Transport & Terminal Co., preliminary plans, $1,000,000.

Hotel, theater and store, Elyria, O., J. Pekras, plans, $1,000,000.

Hotel, Seattle, Wash., T. H. Gowman, sketches, $1,000,000.

Waterworks, Seattle, Wash., Water Dpt., plans, $1,000,000.

Theater, Quebec City, Que., N. L. Nathanson, plans, $1,000,000.

Bids Desired

Railway, California, Southern Pacific R.R. Co., San Francisco, bids about Sept. 6, $3,000,000.

Roads, Ohio, Aug. 31, by H. J. Kirk, Dir. Hys., Columbus, $1,900,000.

Contracts Awarded

Store and office, Chicago, Ill., Syndicate, c/o K. M. Vitzthum & Co., archts., to John Griffiths & Son Co., $8,000,000.

Bank and office, New York, N. Y., American Exchange-Irving Trust Co. to Marc Eidlitz & Sons, $5,000,000.

Public Bond Elections, coming and decided, are listed on Construction News page 103.

Apartment, Chicago, Ill., A. J. Thomas, archt. for owners, to O. W. Rosenthal-Cornell Co., $4,000,000.

Produce terminal, Providence, R. I., Produce Wholesale Food Terminal, c/o Jenks & Ballou, archts. to Turner Constr. Co., $3,000,000.

Paper mill, Dalhousie, N. B., International Paper Co., New York, N. Y., to Domill Construction Co., Montreal, Que., $3,000,000.

Harbor development, St. John, N. B., St. John Harbor Comrs. to Atlas Construction Co., Montreal, Que., $2,500,000.

Hotel, Chicago, Drake Towers Building Corp., to B. H. Marshall Construction Co., $2,000,000.

Apartment, New York, N. Y., Caul Realty Corp., to Earl & Calhoun, $1,600,000.

Office, St. Louis, Mo., Plaza Realty Co., to Boaz-Kiel Construction Co., $1,500,000.

Apartment, New York, N. Y., Three Hundred Fifty Central Park West Corp., separate contracts, $1,250,000.

Printing plant, Chicago, Ill., A. S. Alschuler, Inc., archt., for owners, to G. L. Arquette & Co., $1,200,000.

Stores and apartment, New York, N. Y., B. M. House & Son, separate contracts, $1,000,000.

Apartment, New York, N. Y., J. Sager, separate contracts, $1,000,000.

Construction News of the Week

Waterworks

Proposed Work

Fla., Daytona Beach—Purchasing additional electric pumping unit for waterworks. $7,383. E. Wheeler, city mgr.

O., Wooster — Bd. Control soon takes bids constructing concrete plant, $45,000. A. Redgl, Wooster, engr.

Tex., Big Springs—City, plans improving waterworks, incl. extending distribution system, pumping equipment, etc. $35,000. Address M. Montin, city engr.

Tex., Corpus Christi—Water & Gas Supply Dist., c/o H. Carter, 718 Elizabeth St. and E. E. Ludewig, 1324 4th St., constructing water system $40,000 and gas system, $35,000 in district south of Del Mar, supplying Aberdeen and Del Mar.

Wash., Seattle—Water Dpt., W. Severyns, supt., plans improving waterworks, 5 mi. pipe line between Volunteer Park and Maple Leaf Reservoirs, tunnel under Lake Washington Canal, $160,000. Total est. $1,000,000. W. D. Barkhuff, city engr.

Ariz., Phoenix—Waterworks. $1,500,000. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs.

Ont., Toronto—Scarborough P. Utilities Comn., 1664 Kingston Rd., soon takes bids duplication present filtration plant, incl. building, filter basins, coagulating basins, reservoir and filtering equipment, 1 m.g.d. capacity, for Scarborough Twp. $50,000. James, Proctor & Redfern, 36 Toronto St., engrs.

Bids Desired

Mass., Cambridge (br. Boston)—Sept. 5, by City, J. J. Scully, chn. Water Bd. 1 story, brick pumping station, plain found., Lake View Ave. and Worthington St. $100,000. E. T. P. Graham, 171 Newbury St., Boston, archt. Noted May 17.

N. Y., Buffalo — Sept. 4, by G. Fisk, comr. P. Wks., Municipal Bldg., mains at Airport, Genesee Rd. C. E. P. Babcock, city engr. Noted Aug. 9.

N. Y., Niskayuna — Aug. 30, by Bd. Waters Comrs. Water Dist. 3, at office R. W. Peters, atty., 432 State St., Schenectady, waterworks. W. W. Chadsey, Parker Bldg., Schenectady, engr.; adv. E. N.-R. Aug. 23.

Fla., Miami—Aug. 27, by City, 3 additional wells, 21 x 30 ft. steel tank, laying Redwood pipe line, alternate bids for 60 x 60 ft., or 120 x 120 ft. dorr basin, in Hialeah.

Md., Hyattsville — Aug. 31, at office Washington Suburban Sanitary Comn., Evans Bldg., New York Ave. N. W., Wash., D. C., watermains and sewer, Contr. 72-W and S; adv. E. N.-R. Aug. 23.

Mich., Detroit — Sept. 5, by Bd. Water Comrs., 176 East Jefferson Ave., pumping unit for northern yard tank. G. H. Fenkell, ch. engr.; adv. E. N.-R. Aug. 23.

Minn., Hibbing—Aug. 27, by G. O. Kolstad, village recdr., 2 m.g. concrete reservoir. J. C. Taylor, Hibbing, engr. Noted Aug. 16.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Minn., Winona—Sept. 1, by H. Magnus, secy. Bd. Municipal Works, improving waterworks, artesian well 16 in. top and 12 in. bottom diam., 500 ft. deep, 2 deep well centrifugal pumps.

Mo., St. Louis—Sept. 18, by Bd. P. Serv., City Hall, rein.-con. heating tunnel between high pressure engine and filter houses, pipe trench between above tunnel and coagulant house, and between coagulant house and 2 sludge pump houses, $23,000; iron railing around wet well at Chain of Rocks Engine House, $800. L. Day, City Hall, comr.

S. D., Yankton—Sept. 11, by J. W. Summers, city aud., pump houses, pumps, water treatment plant, service discharge, etc. Burns & McDonnell Eng. Co., Interstate Bldg., Kansas City, Mo., engrs. Former bids rejected. Noted July 26.

Ark., Helena—See "Contracts Awarded."

Tex., Dallas—Sept. 7 by City, c/o M. G. James, secty., two 15 m.g.d. turbine driven pumping units complete, three 15 m.g.d. motor driven pumping units complete with motors, two 1,000 kw. turbo-generators complete with all auxiliaries, three 300 hp. water tube boilers; 32 m.g.p.d. water purification plant, incl. basins, buildings, etc.; filter piping, equipment, etc. D. Morey, Jr., 415 Praetorian Bldg., engrs.; adv. E. N.-R. Aug. 23. Noted Aug. 16.

Okla., Henryetta — Aug. 27, by City Clerk, purification plant, pump house, filter equipment. $90,000. T. J. Embee, 522 East 12th St., Okmulgee, engr.

Colo., Colorado Springs — Broadmoor Hotel Co., c/o C. L. Tutt, Mining Exch. Bldg., taking informal bids reservoir, 64,000 yd. clay embankment, 36 ft. high, 1 mi. 24 in. probably iron pipe in Fisher Canon, near here. C. H. Bryson, 803 Cheyenne Rd., Colorado Springs, engr.

Calif., Colusa—Sept. 3, by B. L. McCue, city clk., 150,000 gal. steel water tank, tower.

Calif., Oakland — Directors East Bay Municipal Utility Dist., taking bids and open same about Sept. 7, South Spillway, Schedule 1, Jackson Creek Spillway and Dike, Schedule 2, Pardee Reservoir Outlet Tower, Schedule 3.

Contracts Awarded

Mass., Boston—Dpt. P. Wks., rein.-con. conduit in Davenport Brook, Dorchester, to T. J. O'Connell, 75 Claymoss Rd., Brighton. Est. $18,000.

N. Y., New York — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., sub-surface booster pumping station, West 246th St., to Turbine Equipment Co., 30 Church St., $22,790. Noted July 26.

N. Y., St. George—J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York, mains in Barlow, Detroit, Greenwood, Hamilton, Hillcrest, Maplewood, Muller, Oswald, Rhett, Stobe, Washington, Winant Aves., to Empire Contg. Co., 1072 Castleton Ave., Port Richmond. $16,425. Noted Aug. 2.

See proposal advertising on page 111

Constr. News page 97

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Eliminating Repairs and Maintenance Costs

TRENTON WATER WORKS, Trenton, N. J., has been using Leadite for making joints in c. i. bell and spigot water mains for a great many years with entire satisfaction.

They have laid nearly 75 miles of c. i. pipe of various sizes with Leadite joints.

Trenton has very good paved streets and they have never had to dig up a Leadite joint for repairs during all the time they have been using Leadite. They consider this excellent performance for Leadite joints.

They find the use of Leadite has reduced to a minimum repairs and maintenance costs.

Trenton Water Works has always found Leadite joints efficient and economical.

They keep a check on their distribution system by water waste surveys.

During the severe winter of 1917-18 Trenton Water Works had over 2000 frozen services. Many of these services were connected to mains laid with Leadite joints. They had no difficulty in thawing, with electrical apparatus, services connected with mains which were laid with Leadite joints.

Mr. Alvin Bugbee is Superintendent of the Trenton Water Works.

Specify and use LEADITE It saves at least 75%

Be sure it is LEADITE and accept no imitations

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA.

NO CAULKING

Waterworks (Continued)

La., Mansfield—J. S. Ament, engr., 20,000 ft. new water lines, to H. M. Silver, Mansfield, engr. Est. $14,190. Noted July 25.

O., Cincinnati—Hamilton Co., 26,110 ft. 6 and 8 in. c.i. mains in West Supply Line 94, Dists. 2, 4, 5 and 6, to Movl Constr. Co., 123 East 6th St., $42,395.

Wis., Milwaukee—Watermains in Cedar St. to Kehrein Bros., 1096 23rd St., $22,500.

Ark., Helena—West Helena Water Co. c/o North American Water Works Corp., 39 Bway., New York, 250,000 gal. storage reservoir, addition to power plant, by own forces. $50,000. Noted Aug. 9.

Sewers

Proposed Work

N. Y., Buffalo—G. F. Fisk, comr. P. Wks., plans 15,201 ft. 15 in. vitr. sewer in Towpath on Westside Erie Canal. C. E. P. Babcock, Municipal Bldg., engr.

N. Y., New York—Bd. Estimate & Apportionment, City Hall, authorized construction sewage disposal plant (1st unit of series to eliminate sewage from New York Harbor), Wards Island. $35,000,000. Total $100,000,000. Noted Dec. 15, 1927.

N. Y., Syracuse—Plans 17,000 ft. sewers in Salt Springs Dist. $47,000. N. F. Pitts, Jr., State Tower Bldg., engr.

N. J., Hillside (br. Elizabeth) — Twp. Com., Township Hall, sanitary sewers in Young Ave., Wolf and Saeger Places, $25,000. C. Luster, 286 North Broad St., twp. engr.

N. J., Linden—City Council, constructing trunk sewer, from Linden to Roselle, $150,000. A. E. Cooley, City Hall, Roselle, engr.

N. J., Newton — Town Council, will expend $80,000 for reconstruction of sewage system.

N. J., Orange—Bd. Comrs., City Hall, rein.-con., sewers in Wigwam Brook, $30,000. J. Crane, City Hall, engr.

Ind., Laporte — Bd. Wks. storm sewer, $65,000. A. Schultz, city clk.

Tex., San Juan — City, plans sewerage system. $75,000. Address A. A. Martyn, city secy.

Wash., Tacoma—City Council plans sewerage system, main trunk sewer along South Tacoma Way and Union Ave. and 6 branch sewers. $2,223,816. C. E. Putnam, city engr.

Calif., Long Beach—Sewerage system in California Heights Dist. etc. To exceed $500,000. A. H. Adams, city engr.

Calif., Maywood — Plans vitr. sewage system in Western Section of city. To exceed $100,000. V. Wood, American Bank Bldg., Los Angeles, engr.

Ont., Hamilton—City Council, extending 1 mi. Gage Ave. Storm Sewer, concrete or brick, $150,000. W. L. McFaul, City Hall, engr.

Bids Desired

N. Y., Buffalo—Sept. 4, by G. Fisk, comr. P. Wks., Municipal Bldg., 15 in. vitr. sewer in Towpath, West side Erie Canal; 6 and 8 in. sanitary sewer at Buffalo Airport. C. E. P. Babcock, Municipal Bldg., city engr. Noted Aug. 23.

N. Y., Dunkirk — Sept. 4, by Common Council, sewage disposal plant, intercepting sewer, lake wall. F. K. Wing & Co., 1314 Prudential Bldg., Buffalo, consult. engrs.; adv. E. N.-R. Aug. 23.

N. Y., Long Island City—Aug. 30, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., sewers in Sutphin Blvd., Jamaica, 109th (Sutter), 102nd, Garfield, 21st (Wolcott) and Ely Aves.; 50th (Fitting), 62nd, 30th, 70th (Ramsey), 127th Sts.

N. Y., Orangeburg — Sept. 12, by Dpt. Mental Hygiene, Capitol, Albany, storm and sanitary sewers at Rockland State Hospital. L. M. Farrington, secy.; adv. E. N.-R. Aug. 23.

N. Y., Thiells—Aug. 29, by Dpt. Mental Hygiene, Capitol, Albany, sewage disposal system, Letchworth Village; adv. E. N.-R. Aug. 23.

N. Y., Tuckahoe (Ind. br. Yonkers)—Aug. 30, at office town Clerk, Village Hall, enlarging, improving and repairing Midland Ave. drains in Eastchester, Bronxville and here. A. W. Smith, 107 Lake Ave., engr.; adv. E. N.-R. Aug. 23.

N. J., Haddon Heights—Sept. 4, by Boro Council, Boro Hall, sewerage system additions, 2 pumping stations; adv. E. N.-R. Aug. 23.

Pa., Phila.—Aug. 29, by Dpt. P. Wks., Bureau of Engineering, A. Murdock, dir., main sewers in Butler and Salmon Sts.; branch sewers.

O., Canton—Bd. Control bids about Oct. 9, sanitary sewers in Monument Rd., $57,550. W. E. Sarver, City Hall, engr.

O., Columbus—Aug. 28, by W. H. Duffy, dir. Serv., 3,060 ft. 66 and 72 in. monolithic concrete or brick and concrete sewers, 4,740 ft. 30 to 60 in. rein.-con., or vitrified sewers in Northwood Ave. engr. est. $120,000.

O., Cuyahoga Falls—Bd. Control bids about Oct. 13, storm sewers in North side of city. $350,000.

O., Twinsburg—City Comrs. Akron, bids about Sept. 8, sewers, sewage treatment plant, etc. $74,000. C. D. Barstow, Akron, engr.

Ind., Indianapolis—Aug. 27, by Bd. P. Wks., sewers in Randolph and Minnesota streets, Keystone and Villa Aves.

Ill., Chicago—Sept. 6, by Bd. Trustees Sanitary Dist. of Chicago, 910 South Michigan Ave., Division P, 16 trunion type air operated dump cars. T. J. Crowe, pres.; adv. E. N.-R. Aug. 23.

Wis., Loyal—Aug. 31 (extended date), by Village, W. Meyer, clk., sanitary sewerage system, disposal plant, 23,000 lin.ft. 8- to 12-in. pipe, 60 manholes, Imhoff tank, sludge bed. $35,000. Druar & Milinowski, 500 Globe Bldg., St. Paul, Minn., engrs. Noted Aug. 9.

N. D., Jamestown — Aug. 28, by City Clerk, sewage disposal plant. $120,000. W. E. Buell & Co., 205 Davidson Bldg., Sioux City, Ia., engrs. Noted July 26.

Calif., Los Angeles—Sept. 5, by Bd. P. wks., 9,600 lin.ft. semi-elliptical concrete, brick or pre-cast sewers in Sect. 33, of North Outfall Sewer, (city will furnish material).

Contracts Awarded

N. Y., Brooklyn — J. J. Byrne, pres., Brooklyn Boro, Boro Hall, sewers in Duryea Pl., Elm Ave. and Rockaway Parkway, to Marmill Constr. Co., 1780 Pitkin Ave., $1,316 and $6,396 respectively; 53rd St. and Lenox Rd., to S. Guerriero Co., 1024 66th St., $2,427 and $1,022 respectively; 11th Ave., to R. Nazzaro, 1550 62nd St., $1,425; Avenue V, to Del Mel Constr. Co., Inc., 7624 15th Ave., $495. Grand total $13,081. Noted July 5.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to Picvac Constr. Co., sewers in 26th Ave. $7,364; to Catapano & Ambrosio, 1016 60th St., West 6th St. $5,511, Troy Ave. $4,022; to S. Guerriero, 1024 66th St., East 7th St. $6,298, West 8th St. $3,628, West 4th St. $3,298; to R. Nazzaro, 1550 62nd St., Walsh Court, $4,705, East 4th St. $1,807; to Tomasetti Contg. Co., 1074 60th St., Avenue O, $1,603; to Del Mel Constr. Co., 7624 15th Ave., 20th Ave., $1,450. Grand total $39,686. Noted July 12.

N. J., Bergenfield—Joint Bd. Council, Boro Hall, sewage treatment plant in Bergenfield and Dumont, to Bruns & Hall, Park Ave., Dumont, $18,490.

N. J., Millburn—Twp. Comn., Municipal Bldg., trunk sewer in West of Rahway River, to Romano & Saggese, 181 Glen Ridge Ave., Montclair, $75,308. Noted July 5.

Pa., Ambridge — Boro, Boro Bldg., sewers, Contr. 1 Plan 14, to W. J. Gilligan, Latrobe $31,957. Noted July 26.

Ky., Louisville—Commissioners of Sewerage, Bd. of Trade Bldg., 3rd and Main Sts., Highland Park-Beechmont Sewer Contr. 40, to A. A. Davis & Co., 405 Westover Bldg., Kansas City, Mo., $400,000. Noted June 21.

Ky., Paducah—E. R. Bradshaw, comr. P. Wks., sewerage system in Western Zone 4-A, to Merkle Contg. Co., 413 City Bank Bldg., Kansas City, Mo. $358,063. Noted July 26.

O., Cleveland Heights (br. Cleveland)—To Janashek & Callow 13606 Union Ave., Cleveland, sewers and water mains in Woodview Ave. $3,942—Renfield Ave. $11,150—Keystone Ave. $10,135—Quarry Ave. $12,189. Grand total $37,416. Noted Aug. 2.

O., Columbus—W. H. Duffy, dir. Service, Olentangy-Scioto intercepting sewer Sect. 3, Contr. 13, to Pittsburgh Foundation Co., Keystone Bldg., Pittsburgh, Pa. $302,823. Noted July 19.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., sewer in 14th St. and Morgan Ave., to Wenzel & Henoch, 498 27th St., $8,423 and $2,365 respectively—Center St. and Greenfield Ave., to J. B. Forrestal Co., 215 15th St., $324 and $337 respectively—14th and Grand Sts., to Czerwinski Constr. Co., 816 Clinton Ave., $501 and $1,023 respectively — Lapham St., to J. G. Holton, 345 27th Ave., $730—30th Ave., to Klump & Johnston, St. Francis, $2,117—and 20th St., to Wisconsin Sewer Constr. Co., $1,644. Grand total $23,961.

Wis., Milwaukee — Dpt. P. Wks., R. E. Stoelting, comr., to General Contractors, 86 48th St., sewer in Burnham St. $548, 59th St. $4,021, Sunbury Court $7,468, 34th Ave. $5,630, 33rd Ave. $8,835; to Wenzel & Henoch, 498 27th St., Center St. $96,179, East Ohio Ave. $7,938, Row south of Wisconsin Ave. $11,372, 22nd Ave $6,075; to J. Brogan & Sons, 16th St. and North Ave., Center St. $61,225; to Dervos & Holquist, 457 Mineral St., Lapham St. $669, Summit Ave. $398; to P & L Co., 1107 Humboldt Ave., Ruth Court $1,393, 61st St. $8,825; to Mierswa Constr. Co., 582 20th St., St. Paul Ave, $5,713, 35th Ave. $5,069. Grand total $231,358.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to T. G. Holton, 345 27th Ave., sewers in Dousmann St. $1,085, Morton Dr. $1,293, Lapham St. $3,623, Oklahoma Ave. $7,559—to Czerwinski Constr. Co., 816 Clinton St., Lincoln Ave., $243—to Ribbens Bros., 2415 Richards St., Notre Dame Court, $2,854—to Klump & Johnston, St. Francis, 64th St. $8,821—to Wenzel & Henoch, 498 27th St., Wells St. $1,977. Grand total $27,455.

Mo., St. Louis—Bd. P. Serv., City Hall, Sect. 2, Southwestern Joint Sewer, 5,390 ft. 18 in. to 15 ft. rein.-con. horseshoe, brick, segmental block and tile pipe, to Frazier-Davis Constr. Co., Arcade Bldg., $237,796; Sect. 3 same sewer, 18,200 ft. 12 in. to 9 ft. pipe, to Riley Contg. Co., 110 North 7th St. $289,782. Noted July 12.

Tex., Quitaque—Mayor, improving waterworks to Panhandle Constr. Co., Lubbock, $37,661. Noted June 12.

Calif., Culver City—P. H. Jarrett, city clk., sewers in Sepulveda Blvd. Storm Drain to Braun, Bryant & Austin, 6244 Washington Blvd., Culver City, $195,756. Noted Aug. 16.

Calif., Los Angeles—Supervs. Los Angeles Co., 3.91 mi. cement sewers in Miramonte Park (Impvt. 657), to Cogo & Rados, 3274 Descanso Dr., Los Angeles, $47,325.

Calif., Southgate—Cement sewers in Home Garden Dist. (A. & I 4), to Chutuk, Kordich & Vukojevich, 3518 Percy St., Los Angeles, $441,375. Noted Aug. 2.

Ont., Picton—Picton P. Utilities, brick and concrete pump house, to Homer White & Co., $15,200; pressure filter equipment, to W. J. Westaway Co. Ltd., Hamilton, $8,000; electric centrifugal pumping equipment, to Goldie McCulloch Co., Ltd., Galt, $6,118; c.i. pipe and fittings, to Gartshore Thompson Pipe & Foundry Co., Hamilton, $7,332. Grand total $36,650. Noted June 14.

Ont., Toronto—City Council, sewer in Lane south of Danforth, to P. Corrodi, 19 Hocken St., $818; sewer in Lane west of Christie St., to A. Damica, 1443 Dufferin St., $1,608; sewer in Lane west of Sellers Ave., to Ronco Bros., 224 Rosemount Ave., $1,475; sewers in Elora Rd., Eglinton Ave., Sect. D. E. and Soudan Ave., Sect. D. E., to W. E. Taylor, 22 Falcon St., $19,141; Kennedy Park Pumping Station and sewer in Birchview Crescent, to W. R. Worthington Constr. Co., Roselawn Ave., $20,060; sewer in Oakview Crescent, to Dileo & Co., 239 Bellwoods Ave., $1,976; sewer in Eglinton Ave. Sect. E. F., to Natl. Contg. Co., 52 Imperial St., $10,649. Grand total $55,727.

Ont., Toronto — For 8 in. and up vitr. tile sewers in Sheldrake Blvd. and Commissioners St. Sects. A, B, C, D and E, to W. E. Taylor, 22 Falcon St., $31,306 and $3,739 respectively; sewer in Legan Ave., to city by day labor, $10,826; sewer in Merton St. Sects. A and B, to Natl. Contg. Co., 52 Imperial St., $10,187; sewer in Cleveland St., Sects. B and C, to P. Corradi, 19 Hocken Ave., $7,878. Grand total $63,936.

Ont., Toronto—Scarborough Twp., sludge sewage disposal plant, concrete and general construction, Contr. A, to J. A. Wickett, 16 Salter St., $40,600; mechanical grit equipment, digesters and clairifier, Contr. B, to Dorr Co., 330 Bay St., $18,358; diffuser plates, Contr. H, to Laurie & Lamb, 42 St. Sacrament St., Montreal, Que., $1,410; glass covering for sludge beds, Contr. K, to King Constr. Co., 40 Dover Court Rd., $3,700. Grand total $64,068.

Ont., Toronto — W. D. Annis, clk. Scarborough Twp., South Trunk Sewer, Contr. G., to Grant Contr. Co., 47 Wellington St. E., $26,850; Contr. H, to G. Simone, 10 Coleridge Ave. $24,410; Wardin Ave. Storm Overflow, Contr. K, to McGuire Constr. Co., 52 Winson Ave., $68,800; concrete pipe, to John E. Russell Co. Ltd., Reford Bldg. Grand total $120,060. Noted July 26.

Waste Disposal

Bids Desired

N. C., Charlotte—Aug. 29, by Bd. Comrs., City Hall, 120 ton incinerator, etc.

Constr. News page 98

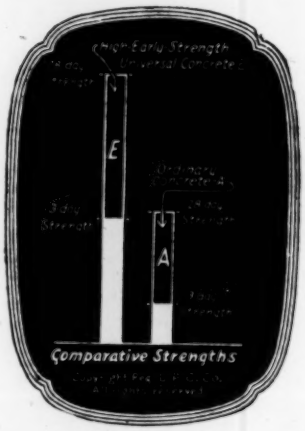
High-Early-Strength

Universal Concrete

is made with the usual

Universal Cement

Altho *High-Early-Strength* Universal Concrete gives decidedly *unusual* results, it is made with the *usual* labor, *usual* materials, *usual* equipment and *usual* Universal cement—all applied according to fully tested methods. It is not necessary to buy, stock and handle a special cement at premium prices. There is but one grade of Universal cement and that grade—the grade used on other construction—is used in making *High-Early-Strength* Universal Concrete.



High-Early-Strength Universal Concrete is as strong at 3 *days* as ordinary concrete at 28 *days* and *permanently* better and stronger forever after as shown by the diagram. Full information on the methods used to secure it will be sent promptly on receipt of the accompanying coupon.

UNIVERSAL PORTLAND CEMENT CO.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Universal Portland Cement Co., 208 South La Salle Street, Chicago

Without obligation, send me detailed information on methods for securing strong concrete in *3 days* with the *usual* materials, *usual* equipment, *usual* labor and *usual* Universal cement.

Name .....

Address ..... **ENR 8-23-28**

Waste Disposal (Continued)

Contracts Awarded

N. J., Asbury Park—City Comrs., City Hall, A. G. King, clk., incinerator, to Pittsburgh-Des Moines Steel Co., 50 Church St., New York, $130,000. Noted June 28.

Bridges

Proposed Work

N. Y., Syracuse—Plans 60 x 100 ft. wide bridge, Blaine St. and Midland Ave. $37,000. N. F. Pitts, Jr., State Tower Bldg., engr.

N. J., Jersey City — Pennsylvania R.R. T. J. Skillman, ch. engr., Broad St. Sta., Phila., Pa., reconstructing 2 concrete and steel bridges Baldwin Ave., $50,000. Private plans.

O., Cleveland — City, rein.-con., steel bridge, West 117th St., $300,000. R. Hoffman, City Hall, engr.

Calif., San Jose — Plans bridge over Guadalupe River, San Fernando St., $24,000, and bridge, Los Gatos and Park Ave. $18,000. W. D. Lotz, 1040 Benton St., San Jose, engr.

Bids Desired

N. Y., Buffalo—Sept. 4, by Bd. Supervs. Erie Co., bridge over Eighteen Mile Creek, Southwestern Blvd., east of North Evans. G. Diehl, Ellicott Sq., engr. Noted July 12.

New Jersey—Aug. 28, by Joint Bds. Freeholders Morris and Essex Counties, Court House, Somerville, Davidson's Bridge over Passaic River, on road between Basking Ridge and Millington; adv. E. N.-R. Aug. 23.

Pa., Ebensburg—Aug. 29, by H. L. Cannon, controller Cambria Co., Court House, two 36 ft. concrete girder beam span bridge, over Susquehanna River at Garman, 22 ft. with 5 ft. sidewalk.

D. C., Wash. — Sept. 20, by District Comrs., District Bldg., steel girder bridge in line of M St. N. W. crossing Rock Creek; adv. E. N.-R. Aug. 23.

Ohio—Aug. 31, by H. J. Kirk, dir. Hys., Columbus, constructing bridges in Ashland, Champaign, Clinton, Crawford, Delaware, Erie, Highland, Huron, Madison, Mahoning, Muskibgum, Paulding, Pickaway, Richland, Tuscarawas, Union, Van Wert, Wayne, Defiance and Henry Counties. Engr. est. $780,000.

Indiana—Aug. 30, by J. D. Williams, dir. State Hy. Comn., Indianapolis, bridge, Road 29-M, Clinton Co.—2 bridges, Road 25-G, Fulton Co.—extending bridge, Road 2-B, Lake Co.—bridge, Road 67-H, Morgan Co.—bridge, Road 56-P, Switzerland Co.

Michigan — Sept. 6, by C. L. Cowgill, resident engr., Plymouth, Bridge 1 of 81-9-8, C2 and 3, two 55 ft. span steel deck girder, Washtenaw Co., for State Hy. Dpt., Lansing.

Michigan—Sept. 12, by H. G. Oakes, resident engr., Cadillac, Bridge 1 of 45-5-1, C-1 and 2, two 24 ft. and one 50 ft. steel deck girder, Leelanau Co., for State Hy. Dpt., Lansing.

Illinois—Aug. 28, by State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, rein.-con., steel bridges in Cook, Henry, Cass, Morgan, Henderson, Hancock, Pike, McLean, Johnson, St. Clair, Madison, Randolph, McClain, McHenry, Vermilion and Lake Counties. F. T. Sheets, hy. engr.

Wisconsin and Michigan—Sept. 11, by Wisconsin and Michigan State Hy. Comns., City Hall, Marinette, Wis., Interstate Grade Separation, Contr. 4, and bridge, Contrs. 5 and 6, for Trunk Line Bridge 1 of 55-7-21, Marinette Co., Wis. and Menominee Co., Mich.; adv. E. N.-R. Aug. 23.

Washington — Sept. 4 ,by State Hy. Comn., Olympia, 162 ft. steel thru truss span bridge over Coweeman River, State Rd. 1, Federal Aid Project 147-C, near Kelso—two 171 ft. steel thru truss span bridge with 75 ft. concrete I-beam approaches over Kalama River, State Rd. 1, Federal Aid Project 147-D, near Kalama, both Cowlitz Co. S. J. Humes, hy. engr.

Calif., Merced—Aug. 29, by C. H. Purcell, Pub. Wks. Bldg., Sacramento, state hy. engr., reconstruction of one 306 ft. steel swing span, one 70 ft. steel truss span and one 170 ft. timber trestle bridge over San Joaquin River near here, in Merced Co.

Calif., Nicolaus—Sutter Co. (Yuba City) bids about Sept. 1, repairing portion bridge over Feather River. $30,000. W. C. Shearer, Yuba City, co. engr.

Calif., Redding—Sept. 5, by State Hy. Dpt., Sacramento, three 38 ft. span rein.-con girder bridge on concrete bents and abutments with wing walls, one over Indian Creek 42 mi. west of here one 60 ft. and one 39 ft. span on concrete bent and abutments with wing walls, over Grass Valley Creek, 35 mi. west of here. C. H. Purcell, Sacramento, engr.

Calif., Roseville—Aug. 29, by City Council, 2 rein.-con., girder type bridges over Southern Pacific R.R. $11,750. Cost will be borne by railway company. H. B. Hammill, 381 Bush St., San Francisco, engr. Noted June 14.

Contracts Awarded

New York—A. W. Brandt, comr. Highways, Albany, **(e.e. means engineers estimate)** bridge in Jefferson Co., to L. W. Williams, Mexico, $102,446 e.e. $140,192; bridge in Greene Co. from I. V. A. Huite, 178 Riverside Dr., New York, $44,092 e.e. $50,441; bridge in Schenectady Co. to R. E. Weber, Schenectady, $19,305 e.e. $24,202. Grand total $165,843. Noted July 26.

N. Y., Buffalo—City, City Hall, R. J. Reidpath, 333 Jackson Bldg., engr. to Independent Bridge Co., Neville Island, Pittsburgh, Pa. repairing Seneca Street Viaduct $21,400; Hamburg Street Viaduct $114,400 and Michigan Ave. Viaduct $59,900. Grand total $195,700.

Pa., Waynesburg—Comrs. Greene Co., two 75 ft. concrete span bridge over Ten Mile Creek, to Pittsburgh Foundation Co., Keystone Bldg., Pittsburgh. $34,944.

Alabama—State Hy. Comn., Montgomery, bridges in Wilcox Co. and Coosa and Chilton Counties, to J. Graham, Montgomery, $101,471 and $15,121 respectively—Blount Co. to W. C. McCoy, Lafayette, $57,827—Dallas and Lowndes Counties to T. P. Wright, East Point, Ga., $40,095—Fayette Co. to Morgan-Hill Paving Co., Woodward Bldg., Birmingham, $17,994—Talladega Co. to A. H. Singer, Lafayette, $16,052—Jackson Co. to S. C. Cox, Clanton, $40,848. Grand total, $289,408. Noted July 26 under "Streets and Roads."

O., New Boston (sta. Portsmouth) — Concrete span bridge over Millbrook lake to connect Rhoades Ave. and Gallia St., to Universal Contr. Co., Portsmouth, $74,370.

Michigan—At Saginaw Co. Road Office, Saginaw, Reward Bridge 1 of 73-10-22, C-1, two 70 ft. spans, Saginaw Co., Contr. 1, to Massillon Bridge Co., Massillon, O., $9,530; Contr. 2, to Colman & Harding, Detroit, $46,535, for State Hy. Dpt., Lansing. Noted July 19.

Wisconsin—State Hy. Comn., Madison, Newville Bridge, Div. Job 1177, Rock Co. to P. J. Dunlap, Mt. Horeb, $59,384.

Wisconsin—State and Jackson Co. Hy. Comns., La Crosse, Sims Bridge, Project B-5563, and Scott Bridge and Cattle Pass, Project 5094, to H. Turner & Son, Wauzeka $3,248 and $5,858 respectively—Polleys Bridge, Project 5094, to Metzger & Son, Blair $13,958—Melrose-Irving Bridge, Project 5113, to J. O. Fischer, Wausau $14,140—shale surfacing 1.1 mi. Northbend-Melrose Rd., Project 5094, to G. B. Palmer Co., 1130 Baker Bldg., Minneapolis, Minn. $10,457. Grand total $47,661.

Missouri — State Hy. Comn., Jefferson City, to List & Weatherly, Kansas City, 80 ft. arch, ten 40 ft. rein.-con. deck girder spans, over Spring River overflow, $33,038, 77.5 ft. 100 ft. 122.5 ft. arch, seven 40 ft. rein.-con. deck girder spans, over Spring River, $49,137, eleven 35 ft., two 45 ft. rein.-con. deck girder spans over Missouri Pacific R.R. tracks, $38,589, all Jasper Co.—to Carte-Harlin Constr. Co., West Plains, three 40 ft. rein.-con. deck girder spans over Clubb Creek, $9,865, four 20 ft. rein.-con. slab spans, over Clubb Creek overflow, $6,594, two 6 ft. rein.-con. slab spans over creek, $886, all Bollinger Co.—to John Spitcaufsky, Kansas City, two 9 ft. rein.-con. slab spans, over Haines Creek, $1,932, two 10 ft. rein.-con. slab spans over Clubb Creek, $2,879, two 11 ft. rein.-con. slab spans over Wisdom Creek, $2,436, 40 ft. rein.-con. deck girder spans over Corman Creek, $5,453, all Benton Co.—to A. A. Davis, Kansas City, 35 ft., 40 ft., 45 ft. rein.-con. deck girder spans over Portopen Bay, $9,825, three 30 ft. rein.-con. deck girder spans over D.D.18, $6,858, 45 ft. rein.-con. deck girder spans over D.D.37, $4,333, all New Madrid Co.—to G. W. Condon, Omaha, Neb., two 25 ft., eight 40 ft. rein.-con. deck girder and one 120 ft. steel truss spans over 102 River, $38,229, three 20 ft. rein.-con. slab spans over 102 River overflow, $5,675, Nodaway Co., 80 ft. steel truss, two 40 ft. rein.-con. deck girder spans, over Squaw Creek, D.D., Holt Co., $16,640—to Penzel & Lemaster, Jackson, two 50 ft., one 40 ft. rein.-con. deck girder spans over railroad tracks, $13,333, one 80 ft. steel truss, two 45 ft. rein.-con. deck girder spans, $16,106, Cape Girardeau Co.—to A. P. Poirot, Belleville, Ill., two 10 ft. rein.-con. slab spans over creek, Iron Co., $3,025—to Millers Garage, Inc., St. Louis, five 30 ft. rein.-con. deck girder spans over Flat River, St. Francois Co., $16,773. Grand total $281,607. Noted June 21.

Texas—G. Gilchrist, State hy. engr., Austin, **(e.e. means engrs. est.)**, bridge in Milam Co. to Thomas & Ratliff, Rogers, $94,074 e.e. $111,600—Kent Co. to Gaines & Yoakum, 519½ West Main St., Oklahoma City, Okla., $48,237 e.e. $60,000—McCulloch Co. to McKeown & Wood, Stephensville, $21,167 e.e. $26,000—Harris Co. to S. Starkey, 304 Stewart Bldg., Houston, $22,973 e.e. $36,000. Grand total $186,451. Noted July 26.

Colorado — Denver & Rio Grande Western R.R. Co., A. O. Ridgeway, ch. engr., Denver, rein.-con. girder bridge, casting rein.-con. girders and installing rein.-con. piers and abutments, to Pueblo Bridge & Constr. Co., 810 East 8th St.; installation by own forces.

Dams

Bids Desired

N. J., Oakhurst—Sept. 7, by Ocean Twp., Mechanics Hall, constructing, widening 2 culverts, dam, Wickopecko Dr., Wanamassa. J. W. Seaman, 210 Bway., Long Branch, engr.; adv. E. N.-R. Aug. 23.

Railways

Proposed Work

Pennsylvania — Bellefonte Central R.R. Co., V. S. Jodon, pres. and genl. mgr., Bellefonte, 6 mi. extensions between Struble and Fair-Brook, Center Co. $138,020-$150,000.

Florida—Florida East Coast Ry., L. C. Frohman, principal asst. engr., St. Augustine, 9.5 mi. branch line from Belgrade-Chosen to point on west bank Miami Canal to terminate at Lake Harbor, on Lake Okeechobee.

Texas — Texas-New Mexico Ry. Co., (subsidiary Texas & Pacific Ry. Co., E. F. Mitchell, ch. engr., Dallas), plans constructing 58 mi. railway in Ward and Winkler Counties.

California—Turlock & Eastern R.R. Co., (recently incorporated) W. F. Beard, 726 10th St., Modesto, pres., plans 5 mi. railway between Turlock and Cortez, on the line of Atchison, Topeka and Santa Fe. $250,000.

Bids Desired

Massachusetts — Aug. 29, by Transit Dpt., 1 Beacon St., Boston, Sect. 5 A, Dorchester Rapid Transit, incl. ¾ mi. 2 track surface railway, roadbed, drainage systems, concrete retaining walls, bridges, paving, grading, etc., for City.

Colorado—See "Contracts Awarded."

California — Southern Pacific R.R. Co., G. W. Boschke, ch. engr., 63 Market St., San Francisco, bids about Sept. 6, grading 97 mi. of new line, as a cut-off between Alturas, California and Klamath Falls, Oregon, $3,000,000.

Contracts Awarded

Colorado — Missouri Pacific R.R. Co., E. A. Hadley, ch. engr., Missouri Pacific Bldg., St. Louis, Mo., 2,816 ft. switch track, 45 acre stockyards, incl. loading and branding chutes, feed racks, 2,500 gal. water storage tank, water pipe line, pens, alleys in Haswell, day labor. $25,000.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

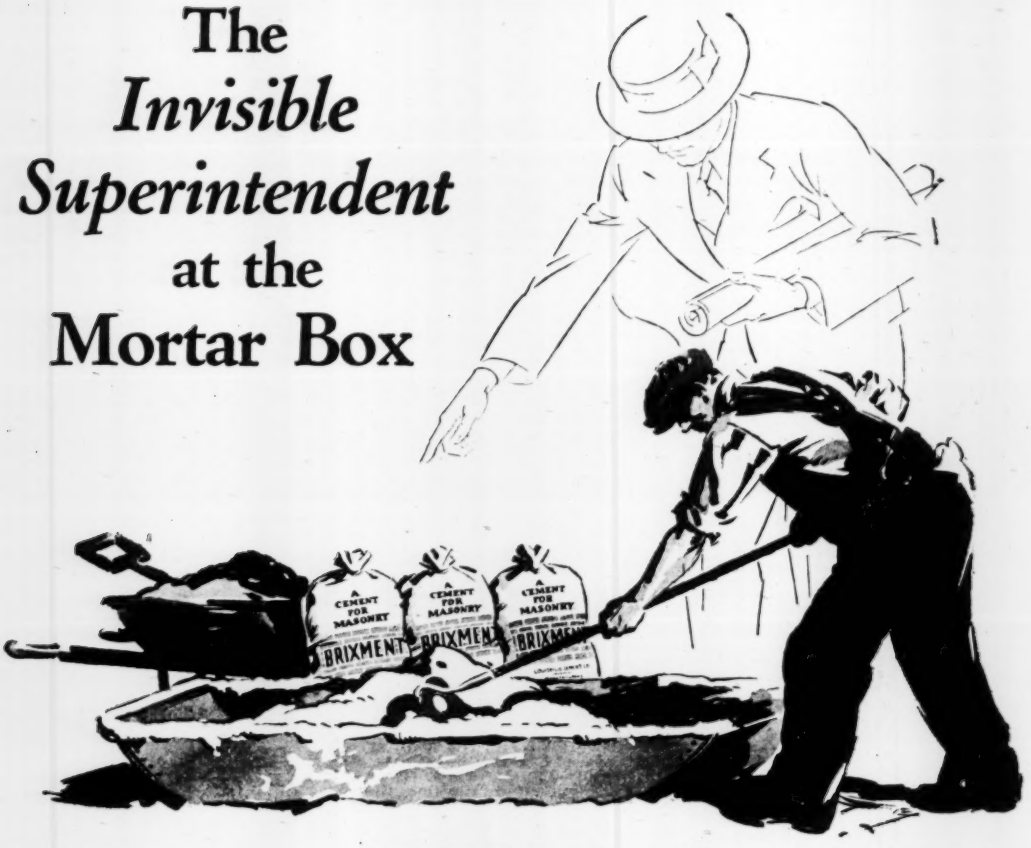
Mass., Charlestown (sta. Boston)—Glendale Coal Co., 47 Medford St., plans pile and timber bulkhead and fill solid in Mystic River. $25,000. Private plans.

Conn., Stamford—W. G. McCullough, co. Fougner & Gautier, engrs., 103 Park Ave., New York plans dredging, filling, sea walls, yacht basin, etc. $250,000.

N. Y., Buffalo—Dredging Scajaguada Creek 1,900 ft. up stream from mouth, to 10 ft. below lake level. C. E. P. Babcock, Municipal Bldg., city engr.

Constr. News page 99

The *Invisible Superintendent* at the Mortar Box



Assures the Mix You Specify

EVEN when the architect specifies the ideal mix for portland-cement-and-lime mortar, he has no assurance that his specifications will be accurately followed unless his superintendent is constantly at the mortar box. . .The proportion of lime may be increased for the sake of plasticity or the mix may be over-sanded. In either case the strength of the mortar is impaired.

The use of BRIXMENT, however, is your assurance that all mortar will be uniform in strength and color and that specifications will be accurately followed. If over-sanded, BRIXMENT mortar works short and, since there is no lime in the mix, the necessary plasticity can be secured only by using the proper amount of BRIXMENT. *Handbook on request.* Louisville Cement Co., *Incorporated,* Louisville, Kentucky.

District Sales Offices: 1610 Builders Building, *Chicago;* 301 Rose Building, *Cleveland;* 602 Murphy Building, *Detroit;* 1015 Chestnut St., *Philadelphia.*

BRIXMENT

for Mortar *and Stucco*

Excavation, Drainage, Irrigation, Levees, River and Harbor (Continued)

Ark., Osceola—Sub-District 1, of Dist. 11, Mississippi Co., c/o R. E. L. Wilson, Jr., bids in November, 30,000 acres drainage system. $30,000. Noted Aug. 2.

Tex., Donna — J. A. Almirall, 53 Park Pl., New York, Valley Orchards Co. Inc., Donna, in charge developing 320 acres incl. cement pipe irrigation system and graveled streets. $60,000. Private plans.

Calif., Merced — Dos Palos D.D., Dos Palos, plans 9,000 acres in and about town of Dos Palos. (Dist. will be formed by County Supervs. to finance project). $50,000.

Ont., Zurich—Hay Twp., A. F. Hess, Clk., drainage improvements. $30,000. R. Patterson, Goderich, engr.

Bids Desired

O., Van Wert—Aug. 30, at office Auditor Van Wert Co., straightening, deepening, widening Ditch 1086, Pleasant Ridge and Hoaglan Twps., incl. 103,237 cu.yd. excav., laying 3,490 ft. 4- to 24-in. tile. $36,536. T. K. Priddy, co. surv.

Tex., Galveston—See "Unclassified."

Calif., Westley — See "Contracts Awarded."

Bids Received

Illinois — Division of Waterways, Dpt. Purchases & Constr., State House, Springfield, Aug. 8, gate and valve operating machinery for Marseilles Canal, Starved Rock, Dresden Island, and miter lock, taintor gates for Brandon Rd. and Dresden Island Locks, from Independent Bridge Co., Neville Island, Pittsburgh, $340,222 and $970,385 respectively.

Contracts Awarded

Mass., Cohasset — Commonwealth of Massachusetts, Dpt. P. Wks., Boston, dredging in Cohasset Harbor, to J. S. Packard Dredging Co., Turks Head Bldg., Providence, R. I., $10,695.

Ill., East St. Louis — Bd. Park Comrs. East St. Louis Park Dist., 929 Missouri Ave., St. Louis, Mo., dredging 1,845,000 cu. yd. excav., to Minneapolis Dredging Co., 2429 University Ave. S.E., Minneapolis, Minn., at $0.152 per cu.yd. Noted July 19.

Ill., Lawrenceville—England Pond D.D., levee work, incl. 436,512 cu.yd. excav., sluiceways, concrete forebay, to F. C. Morgan, 215 E. N. Y. 200, Indianapolis, Ind., $39,076. This corrects report in Aug. 9 issue.

Tex., Mission — C. Campbell, irrigating 600 acre tract, laying 12, 14 and 18 in. concrete pipe. $75,000. Owner builds. Private plans.

Wis., Kenosha—See "Unclassified."

Wash., Seattle—See "Streets and Roads."

Calif., Westley—West Stanislaus Irrigation Dist., 300,000 sq.ft. canal excav. for concrete lining, day labor. W. F. Wooler, Patterson, ch. engr.

Ontario — Dpt. P. Wks., Parliament Bldgs., Ottawa, dredging at Hamilton and Owen Sound, to Randolph Macdonald Co., Crown Office Bldg., Toronto, $18,000; Bruce Mines, to Soo Dredging Co., 604 Queen St., Saulte Ste Marie, $27,000; Bying Inlet, to R. G. Weddell, Trenton, $15,000; pier reconstruction at Kincardine, to Henry & Ross, Kincardine, $21,500. Grand total $81,500. Noted May 31.

Ontario — S. E. O'Brien, secy. Dpt. P. Wks., Ottawa, dredging at Cobourg, to Natl. Sand & Material Co., Welland, $15,400; Port Hope, to R. G. Weddell, Trenton, $11,760; repairing harbor at Port Burwell, to J. Clifford, Embro, $12,982. Grand total $40,142. Noted July 26.

N. B., St. John—St. John Harbor Comrs., (1st unit) harbor development, incl. 800,000 yd. dredging, 800 ft. pier, to Atlas Constr. Co., 37 Belmont St., Montreal, Que. Est. $2,500,000. Noted June 28.

Streets and Roads

Proposed Work

N. Y., New York—Bd. Estimate & Apportionment, City Hall, approved $10,000,000 appropriation, elevated highway along Hudson River from Canal to 59th Sts. J. Miller, pres. Manhattan Boro. Noted Oct. 28, 1926.

Tex., Ft. Worth—City, plans expending $1,000,000 paving streets during next 12 months. D. L. Lewis, city engr.

Colorado — State Hy. Dpt., Denver, paving 26 mi. between Pueblo and Colorado Springs. $1,500,000. L. D. Blauvelt, Denver, State Hy. engr.

Wash., Seattle—Bd. P. Wks. returned bids unopened regrading Denny Hill Dist. $1,600,000. W. D. Barkhuff, city engr. Noted May 17.

Bids Desired

New York — Sept. 7, by A. W. Brant, comr. Hys., Albany, improving roads in Chautauqua, Cortland, Nassau, Onondaga, Orange, Suffolk and Ulster Counties; reconstructing roads in Cattaraugus, Erie, Oneida, Onondaga, Orange, Ulster Counties; bridges in Delaware, Essex, Warren and Wyoming Counties; drainage system in Nassau Co.; adv. E. N.-R. Aug. 23.

N. Y., Brooklyn—Aug. 28, by J. J. Byrne, pres., Brooklyn Boro, Boro Hall, grading, granite block on concrete paving Grand Ave.; grading, sheet asphalt on concrete paving Linden Blvd., Avenue M, Crown and Marginal Sts.

N. Y., New York—Aug. 28, by J. Miller, pres. Manhattan Boro, Municipal Bldg., sheet asphalt on concrete paving 8th Ave. from Greenwich Ave. to 28th St., 8th Ave. from 28th to 48th Sts., 8th Ave. from 48th to Columbus Circle, 5th Ave.; granite block on concrete widening 110th St.; asphalt block on concrete paving Fort Washington Ave.

N. Y., New York—Aug. 31, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., grading, sewer work in Concourse Yard, West 206th St., Navy and Jerome Aves. for Rapid Transit R.R.

N. Y., Rye — Aug. 29, at office W. H. Selzer, village clk., Municipal Hall, Purchase St., rein.-con. paving Redfield St., Beck, Forest and Stuyvesant Aves.; tar, asphaltic macadam or penetration method paving Newberry Pl. and Hewlett St. J. A. Ehler, village engr.; adv. E. N.-R. Aug. 23.

N. J., Toms River—Aug. 28, by Bd. Freeholders Ocean Co., Court House, rein.-con. paving State Hy. Route 37, Point Pleasant-Seaside Heights Rd., Sects. 1 and 2. H. C. Shinn, Municipal Bldg., Lakewood, co. engr.; adv. E. N.-R. Aug. 23.

N. J., West New York—Aug. 28, by Bd. Town Council, Municipal Bldg., grading, bituminous concrete on concrete paving Lincoln Pl. $25,000. F. J. Oleri, 650 Bergenline Ave., engr. Noted July 4.

Pennsylvania—Aug. 30 and Aug. 31, by State Hy. Comn., Harrisburg, grading, one course rein.-con. paving projects in Beaver, Berks, Blair, Bucks, Chester, Clearfield, Crawford, Cumberland, Delaware, Erie, Indiana, Jefferson, Lebanon, Lancaster, McKean, Montgomery, Northampton, Susquehanna, Tioga, Venango, Wayne, Westmoreland, York Counties. J. L. Stuart, secy. hy. comn. adv. E. N.-R. Aug. 23.

Pa., Phila.—Aug. 28, by Dpt. P. Wks., Bureau of Hys., Schedule A, grading 227,960 cu.yd.; Schedule B, paving (assessment work); Schedule C, improving country roads; Schedule D, asphalt repaving; Schedule E, redressed granite block repaving; Schedule F, curbing, footway work. A. Murdock, dir.

Maryland — Aug. 28, by State Roads Comn., Baltimore, penetration macadam paving 0.5 mi. Contr. M-116, Montgomery Co. J. N. Mackall, chn.

Maryland — Aug. 28, by State Roads Comn., Baltimore, concrete shoulders on 0.13 mi. Contr. M-17-A, Montgomery Co.—grading 4.74 mi. Contr. CE-67, Cecil Co. J. N. Mackall, chn.

Md., Baltimore—Aug. 29, by Bd. Awards, concrete paving 7,350 sq.yd. streets Contr. 480. N. L. Smith, highways engr.

W. Va., Wheeling — Aug. 30, by Bd. Comrs. Ohio Co., concrete paving 8,000 lin.ft. Glenns Run-Cherry Hill Rd. T. C. Stevenson, clk.

Ala., Birmingham—A. J. Hawkins, city engr., takes bids about Sept. 1, paving 5,000 ft. 27th Ave. N., 77th St. and sections of other streets, $121,100.

Miss., Columbia—Sept. 3, by Bd. Supervs. Marion Co., grading, brick or concrete paving 0.5 mi. roads, 18 ft. G. A. Draper, c/o State Hy. Dpt., Jackson, engr.

Miss., Laurel—Sept. 5, by Bd. Supervs. Jones Co., grading, culverts, bridges, Bermuda sodding 5.421 mi. Laurel-Ellisville Rd. G. A. Draper, c/o State Hy. Dpt., Jackson, engr.

Miss., Oxford—Sept. 7, by Bd. Supervs. Lafayette Co., grading, graveling 8.5 mi. roads, 18 ft. G. A. Draper, c/o State Hy. Dpt., Jackson, engr.

Miss., Starkville — Sept. 6, by Bd. Supervs. Oktibbeha Co., grading, removing old curbing, recurbing, concrete paving 29,286 sq.yd. roads. G. A. Draper, c/o State Hy. Dpt., Jackson, engr.

Tenn., Knoxville—Aug. 27, by City, W. W. Mynatt, dir. P. Wks., curbing, guttering, paving streets, also widening, paving Henley St.; adv. E. N.-R. Aug. 23.

Ohio—Aug. 31, by H. J. Kirk, dir. Hys., Columbus, grading, paving Athens, Butler, Champaign, Cuyahoga, Franklin, Fulton, Hamilton, Hancock, Holmes, Lorain, Licking, Medina, Portage, Seneca, Wood and Crawford Counties. Engr. est $1,900,000.

O., Columbus—Aug. 25, by F. L. Donnally, clerk Franklin Co., water bound macadam paving 0.21 mi. Chase Ave. Sharon Twp. engr. est. $6,296—3.057 mi. David Taylor Rd. Jefferson Twp. engr. est. $60,238—bituminous macadam paving 0.154 mi. Northwest Blvd., Clinton Twp. engr. est. $6,949.

O., Columbus—Aug. 29, by F. L. Donnally, clk. Franklin Co., 5 in. waterbound macadam paving 11,000 sq.yd. Truro Twp., est. $12,200—10,000 sq.yd. Mifflin Twp., est. $11,647.

Ind., Anderson — Comrs. Madison Co., taking new bids in September paving 1½ mi. Harrison St., 30 ft. $42,000. A. B. Steele, Anderson, engr. Former bids rejected.

Ind., Decatur—Sept. 5, by Comrs. Adams Co., macadam paving Herman Bunck Rd. in Preble Twp. Jeff Crum Rd. in Kirkland Twp. M. Jaberg, Decatur, aud.

Ind., Indianapolis—Aug. 22, by Bd. P. Wks., bituminous paving Ruckle St., Washington Blvd. and College Ave.

Ind., Liberty—Sept. 3, by Comrs. Union Co., concrete paving Samuel Hull Rd. $38,500. G. B. Howsen, Liberty, aud.

Michigan — Aug. 30, by E. R. Benkert, resident engr., Port Huron, concrete paving and widening 1.009 mi. MO74-31, C-1, and 0.994 mi. MO74-13, C-1, Sanilac Co., for State Hy. Dpt., Lansing.

Michigan — Sept. 13, by C. L. Cowgill, resident engr., Plymouth, concrete paving 1.088 mi. MO50-6, C-1, 20 ft., Macomb Co., for State Hy. Dpt., Lansing.

Michigan—Sept. 12, by R. W. Roberts, resident engr., Saginaw, concrete paving 3.577 mi. MO9-11, C-1, and 2.831 mi. MO9-16, C-1, 20 ft., Bay Co., for State Hy. Dpt., Lansing.

Michigan—Sept. 20, by H. G. Oakes, resident engr., Cadillac, improving 1.395 mi. MO15-8, C-1, 20 ft., Charlevoix Co., for State Hy. Dpt., Lansing.

Illinois—Aug. 29, by State Dpt. P. Wks. & Buildings, Div. Hys., Springfield, paving 129.64 mi. roads in Edgar, Fayette, Winnebago, Schuyler, Cook, Kendall, Lake, Kane, Cass, Morgan, Carroll, JoDaviess, Henry, Henderson, Hancock, Pike, McClain, Madison, St. Clair, Randolph, Perry, Shelby, Moultrie, Macom and McHenry Counties—grading 22.56 mi. roads in St. Clair, Cook, Henry, Pike, Cass and Morgan Counties. F. T. Sheets, ch. hy. engr.

Ill., Fox Lake—Bids about Sept. 1, 80,000 sq.ft. sidewalks. $33,000. Marr, Green & Co., 400 North Michigan Ave., Chicago, engrs.

Wis., Milwaukee—Aug. 25, by Dpt. P. Wks., R. E. Stoelting, comr., grading, sidewalks, paving 7 alleys, 10 streets, Fiebrantz, Park Hill and St. Paul Aves.

Ia., Council Bluffs — Sept. 4, at office Auditor Pottawattamie Co., 19,500 cu.yd. excav. and placing in embankment, 44,400 units overhaul. E. E. Cook, Council Bluffs, co. engr.

Ia., Keokuk — Aug. 31, by H. B. Blood, city clk., warrenite, asphalt, asphaltic concrete, 6 in. rein.-con. resurfacing 26,040 sq.yd. 7th, 9th, 11th and Franklin Sts. $51,784. C. J. Nelson, City Hall, engr.

Ia., Sac City—Aug. 28, by Auditor Sac Co., graveling 10.75 mi. secondary roads. M. A. Varley, Sac City, co. engr.

Ia., Spirit Lake — Aug. 27, by Auditor Dickinson Co., graveling 23.5 mi. roads. R. A. Furman, Spirit Lake, co. engr.

Minn., Minneapolis—Sept. 4, by A. P. Erickson, aud. Hennepin Co., asphaltic concrete or concrete paving 0.7 mi. Superior Blvd., 20 ft. $28,910-$19,618. W. E. Duckett, hy. comr.

Kan., Eureka—Sept. 17, by Clerk, Greenwood Co., grading, culverts, 4.355 mi. U. S. 54-Federal Aid Project 239-F, 30 ft., Kansas Engr. Co., 601 Kansas St., Topeka, engrs.

Kan., Hays—Sept. 7, by Clerk Ellis Co., 13,356 cu.yd. sand gravel surfacing U. S. 40-S-Kansas Project 536, 30 ft. C. J. Lareditach, engr.

Kan., Kingman—Sept. 6, by Clerk Kingman Co., grading, culverts 8.187 mi. U. S. 54-Federal Aid Project 341-E, 36 ft., C. C. Martin, engr.

Kan., Norton—Sept. 13, by Clerk Norton Co., grading, culverts, 5.397 mi. U. S. 36-Federal Aid Project 345-B, 30 ft., J. P. Boesche, Norton, engr.

Mo., Higginsville — Aug. 28, by R. A. Buscher, city clk., 6 in. concrete paving 8,368 sq.yd. Blackstone and Boggs Sts. J. W. Shikles & Co., 708 New York Life Bldg., Kansas City, engrs.

Mo., St. Louis—Aug. 28, by Bd. P. Serv., City Hall, rein.-con. paving Arsenal and Bamberger Sts.—asphalt paving Macklind St., Blair and Compton Ave.—vibrolithic

Constr. News page 99a

Streets and Roads (Continued)

concrete paving Veronica St. W. W. Horner, City Hall, engr.

Mo., St. Louis—Sept. 11, by Bd. P. Serv., City Hall, grading, concrete paving 11,450 sq.yd. Alleys in City Blocks 1033, 1323, 3964, 5125, 5514, 5595 and 5743. $31,490. W. W. Horner, city engr.

Tex., Mission—Sept. 19, by Hidalgo Co. Rd. Impvt. Dist. 5, c/o A. W. Cameron, judge, Edinburg, concrete paving 60 mi. roads, incl. Lomita Blvd., 18 ft. $1,500,000. P. S. Devine, Edinburg, co. engr.

Colorado — Aug. 22, by State Hy. Dpt., Denver, paving 1.224 mi. and overhead crossing, south of Aguilar Las Animas Co., $50,000—paving 1.633 mi. at Aguilar, Las Animas Co., $50,000. L. D. Blauvelt, Denver, engr.

Colorado — Aug. 28, by State Hy. Dpt., Denver, **(F.A.P. means Federal Aid Project)** grading 3.663 mi. Hy. 19, F.A.P. 293-C, Ouray Co.—2.39 mi. Sect. 1, Montezuma Co.—grading, concrete paving 0.921 mi. Hy. 2, F.A.P. 287-D, Contr. Div. 2, Weld Co.—gravel surfacing 4.833 mi. Hy. 106, F.A.P. 147-B, Montezuma Co.—600 ft. rock filled bulkhead bank protection at bridge, Hy. 13, F.A.P. 282-A, reopened, Moffat Co. L. D. Blauvelt, State Office Bldg., Denver, engr.

N. M., Clovis—City, c/o R. V. Miller, secy., taking bids grading, curbing, guttering, alternate types paving 6 streets. $68,000. Devlin Eng. Co., First Medical and Professional Bldg., Amarillo, Tex., engr.

Washington — Sept. 4, by State Hy. Comn., Olympia, **(S.R. means State Road, F.A.P. Federal Aid Project)**, grading 195,000 cu.yd. S.R. 2, F.A.P. 114-E, 157,490 cu.yd. S.R. 3, F.A.P. 165-A, Kittitas Co., 111,550 cu.yd. S.R. 4, Ferry Co.; screened gravel resurfacing 4,360 cu.yd. S.R. 8, Klickitat Co. S. J. Humes, state hy. engr.

California — Aug. 29, by C. H. Purcell, Sacramento, state hy. engr., grading, oil treated crushed stone or gravel surfacing 22.1 mi. hy. between Hopkins Well and Black Butte, Riverside Co.—widening asphaltic concrete paving 6.1 mi. hy. between Tulare and Plaza Garage, Tulare Co.

California—Sept. 5, by State Hy. Comn., Sacramento, grading, concrete paving 11.4 mi. Sonoma Co.—grading, crushed gravel or stone surfacing 2.5 mi. Nevada Co.—0.8 mi. San Joaquin Co.—grading, asphalt concrete paving Madera Co. C. H. Purcell, Sacramento, engr. Noted Aug. 9.

Calif., Los Angeles — Taking new bids grading, curbing, guttering, 8 in. concrete paving 258,020 sq.ft. Beverly Blvd., between Harper Ave. and Norwich Dr. Former bids rejected. Noted July 12.

Calif., Los Angeles—Sept. 4, by Supervs. Los Angeles Co., curbing, walks, guttering, 5 in. disintegrated granite on 6 in. concrete paving Wilshire Blvd., between Federal and Veteran Aves. To exceed $25,000.

Calif., Rio Linda—Sacramento Co. taking bids grading, asphaltic concrete paving 2½ mi. Hartman Rd., near here. $30,000. C. W. Deterding, co. engr.

Calif., San Diego—Sept. 4, by Common Council, concrete curbing, guttering, sidewalk, 6 in. concrete paving 202,692 sq.ft. College and other streets.

Calif., South Gate—City Trustees, taking bids grading, curbing, walks, 5- to 7-in. compressed concrete paving 190,844 sq.ft. Admore Ave. E. M. Lynch, Central Bldg., Los Angeles, engr.

Bids Received

New York—A. W. Brandt, comr. Highways, Albany **(e.e. means engineers estimate)** from C. H. Earle, Inc., Rockville Center, concrete and bituminous macadam paving Jones Beach Causeway, Nassau Co., $1,116,558 e.e. $1,171,410; 4.33 mi. road Nassau Co. $484,949 e.e. $694,731, 0.32 mi. road Nassau Co. $101,402 e.e. $130,108, 0.28 mi. road Nassau Co. $14,052 e.e. $15,705; from S. B. Easton, Albany, 3.46 mi. road in Albany Co. $172,880 e.e. $236,990, from Malloy Constr. Co., Inc., 24 Henry St., Schenectady, 0.62 mi. Schenectady Co. $18,123 e.e. $21,838; from Riteway Constr. Co., 299 Bway., New York, 0.16 mi. road in Montgomery Co. $12,626 e.e. $13,148; from Lane Constr. Co., 37 Colony St., Meridan, Conn., $429,450 e.e. $573,446; from J. Mascetti Co., Torrington, Conn. 4.13 mi. road in Dutchess Co. $195,065 e.e. $279,032; from R. E. Weber, Schenectady, 3.6 mi. Columbia Co. $216,906 e.e. $285,566. Grand total $2,762,071. Noted July 26.

Contracts Awarded

Vermont—State Hy. Dpt., State House, Montpelier, rein.-con. paving hy. in Berlin and Montpelier to Central Constr. Co., Essex St., Lawrence, Mass. $36,838.

Constr. News page 100

Massachusetts—Dpt. P. Wks., State House, Boston, bituminous macadam paving 17,925 ft. hy. in Richmond and West Stockbridge, to Lane Constr. Corp., 37 Colony St., Meriden, Conn., $123,964—3,175 ft. in Georgetown, to J. E. Watkins, 41 Pow Wow St., Amesburg, $26,703—5,126 ft., Methuen, to L. C. Cyr, 45 Melrose St., Lawrence, $27,522—9,785 ft., Ayer to Greenough Constr. Co., South Acton, $52,483—6,705 ft. Holden, to Guaranty Constr. Co., Shirley, $51,011—13,375 ft. Abington and Whitman, to Interstate Highway Constr. Corp., 200 Hancock St., Quincy, $75,304—7,500 ft. Lowell to Indianhead Constr. Co., Lowell, $44,151—gravel and bituminous macadam paving 3,131 ft. Royalston to Warner Bros. & Goodwin Inc., Sunderland, $16,167—rein.-con. paving 4,108 ft. Malden and Medford to J. H. Fannon, West Somerville, $44,963—Grand total $462,268. Noted Aug. 2.

Massachusetts—Metropolitan Dist. Comn., 1 Ashburton Pl., Boston, grading, etc. Sept. 2 hy. in Malden and Melrose to Interstate Highway Constr. Co., 200 Hancock St., Quincy, $17,290—Sect. 3 to J. H. Fannon, 30 Powder House Terrace, Somerville, $12,320.

Mass., Boston—Dpt. P. Wks., sheet asphalt paving Washington St. Boston Proper to Central Constr. Co., 228 Southampton St. Est. $25,000—Becket St., Ward 16 to S. J. Tomasello, 11 Cushing Terrace, Dorchester, $18,250. Est. $25,000.

Mass., Boston—J. H. Sullivan Comr. Dpt. P. Wks., sheet asphalt paving Ogden St. to A. G. Tomasello & Son Inc., 250 Stuart St., $25,734. This corrects report in Aug. 16 issue.

Mass., Brookline (br. Boston) — Bd. Selectmen, Town Hall, sheet asphalt paving Brookline Ave. to Warren Bros. Inc., 54 Pearl St., Boston. Est. $25,000. Noted Aug. 2.

N. Y. Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to J. C. Dempsey, 516 Prospect Ave., grading Alabama Ave. $2,550; asphalt paving Dahill Rd. $9,079; East 18th St. $9,838; East 39th St. $9,629—to R. Lynster, 454 East 49th St., grading East 43rd St. $8,091; Milford St. $1,769—to G. M. Mandato, 201 Neck Rd., West 4th St. $4,213—to D. J. McCoy Asphalt Co., Avenue N and East 57th St., asphalt paving Empire Bldg., $29,662; Milford St. $5,699—to B. Turecamo Contg. Co., 8706 16th Ave., Avenue T $3,716; West 10th St. $8,182; West 11th St. $6,259; 58th St. $6,545; 63rd St. $6,482—to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., 9th Ave. $4,081—to C. R. Contg. Co., 2266 Gravesend Ave., bituminous macadam paving West 5th St. $8,366. Grand total $123,858. Noted July 5.

N. Y., Brooklyn—J. J. Byrne, pres. Brooklyn Boro, Boro Hall, to T. Lynster, 454 East 49th St., grading Berriman St. $3,801, Montauk Ave. $4,814, to Castle Bros., Johnson Pl., East 46th St. $2,141, Kings Highway $3,759, to T. Scot, 671 Halsey St., Quentin Rd. $2,163, to J. A. Nicosia, 63rd St. $2,214, to C. R. Contg. Co., 2266 Gravesend Ave., 76th St. $3,121; to M. J. Grant, 125 Montague St., granite block paving Morgan Ave. $27,135; to D. J. McCoy, Avenue U and East 57th St., sheet asphalt paving Avenue A $8,229. Church Ave. $7,621, East 46th St. $4,088, East 51st St. $5,210, East 51st St. $10,992, East 91st St. $2,897, Lott Ave. $4,858, Montauk Ave. $6,048, Schenectady Ave. $7,273, 76th St. $6,099, 77th St. $2,955, 90th St. $2,252, to Meehan Paving Co., 90 West St., New York, Adams St. $16,909, to Brooklyn Alcatraz Asphalt Co., 407 Hamilton Ave., East 4th St. $3,434, 3rd Ave., $30,221, 78th St. $7,574, to B. Turecamo Contg. Co., 8706 16th Ave., East 98th St. $8,490, Kings Highway $22,301, Linden Blvd. $78,738, 63rd St. $5,393, to Cranford Co., 52-9th St., Nostrand Ave. $48,851. Grand total $279,579. Noted June 28.

N. Y., Buffalo—Erie Co., improving Erie Co. Home Rd. 157, to Liberto & Cerullo, 141 Bway., Depew, $21,900—Southwestern Blvd., to P. J. Knickerberg, 619 McKinley Parkway, $209,330—rein.-con. paving Transit Rd., Part 4, to Stapell, Mumm & Beals, Camp Rd. and Erie R.R., Hamburg, $103,500—Transit Rd., Part 1, to Holmes & Murphy, Orchard Park, $124,700. Grand total $459,430.

N. Y., Long Island City—B. M. Patten, pres., Queens Boro, Queens Subway Blvd., grading Carolin and Bliss Sts., to Welsh Bros. Contg. Co., 27 Purbis St., $3,226 repairing bulkhead and jetties at Beach 19th St., Far Rockaway, to W. H. Gahagan Realty Co., Inc., 147 Remsen St., Brooklyn, $10,630—boardwalk from 56th to Beach 81st Sts., to Montros Contg. Co., 2920 Voorhies Ave., Brooklyn, $394,429. Grand total $408,285. Noted July 26.

N. Y., New York — J. J. Dietz, comr. Water Supply, Gas & Electricity, Municipal Bldg., paving road to and around Pumping Station, 179th St. and Amsterdam Ave., to T. O'Dowd, 2086 Washington Ave., $13,500. Noted July 26.

N. Y., Syracuse—Bd. Contr. & Supply, City Hall, to Rago Bros., Union Bldg., paving Center St. $131,494; Court St. $31,588—to C. T. Hookway Constr. Co., Westing Bldg., Broad St. $71,067; Westmoreland Ave. $20,335; Clinton St. $47,565. Grand total $302,049. Noted July 12.

New Jersey—State Hy. Comn., Trenton, grading 9 in. rein.-con., paving 89,198 sq.yd. Route 17, Sect. 5 (Route 2, Revision of 1927) North Arlington to Rutherford Rd. Bergen Co., to Pizzimenti Bros., Edgewood, $509,764—9 in. rein.-con. paving 62,539 sq.yd. Route 5, Sect. 19-A, Dover to Denville, in Morris Co., to H. F. Starn Inc., 1131 Federal St., Camden, $2,594. Noted July 26.

N. J., Cresskill—Bd. Boro Council, Boro Hall, paving Jefferson Ave., to Burns & Hall, Park Ave., Dumont, $51,817.

N. J., Ft. Lee—Bd. Boro Council, Bergen Co., Boro Hall, improving McElroy, Virginia and Anderson Aves., McCloud Dr., to J. J. McGarry, Gorge Rd., Edgewater, $344,938.

N. J., Ft. Lee—Bd. Council, Boro Hall, improving Tom Hunter Rd. and Mohegan Way., to Maceri & Cutrupi, 2184 Hudson St., Ft. Lee, $34,413.

N. J., Hackensack — Bergen Co., Court House, penetration macadam paving Summitt Ave., to T. Adametz, Market St., East Paterson, $59,997.

N. J., New Brunswick—Bd. Freeholders Middlesex Co., to Utility Constr. Co., 5 Spring St., 3 in. sheet asphalt on 6 in. concrete paving Brookside and Loretta Ave., $27,950—Delevan, Ward and Rutgers Sts. $26,375—Mary St., $23,874. Grand total $80,099. Noted Aug. 2.

N. J., Summit—City Council, City Hall, curbing, sheet asphalt on 6 in. concrete paving Edgar, St. Blackburn Pl., Lewis and Greenfield Aves., to Lopiete Asphalt Co., 423 Amherst St., East Orange, $131,240. Noted June 21.

N. J., Verona (Ind. br. Montclair)—Boro Council, Boro Hall, penetration macadam paving Church St., to Osborne & Marsellis Co., Bellevue Ave., Upper Montclair, $25,000.

Pa., Pittsburgh—General contract repaving Reedsdale St., to M. O'Herron Co., South 1st and McKean Sts. $45,200; grading, curbing, paving Traymore Ave., to Booth & Flinn, Ltd., 1920 Forbes St. $28,700.

Pa., Pittsburgh—Grading, curbing, paving Ashton Ave, between Mansion and Elizabeth Sts., to J. J. McQuaide Co., Magee Bldg.—Fallowfield St. between Coast and Catalpa Sts., to Mensinger Co., 1201 Vickroy St. $26,862—repaving Franks-town Ave., to M. O. Herron Co., South 1st and McKean Sts. $24,420.

Maryland — State Roads Comn., Baltimore, graveling 2.5 mi. Calvert Co., to Southern Maryland Contg. Co., 14 East Lexington St., Baltimore, $20,920; concrete paving 1 mi. Frederick Co., to Poffinberger & Mause, Myersville, $24,598. Noted July 26.

Md., Baltimore — Bd. Awards, concrete paving 11,850 sq.yd. Contr. 475, to Ward & O'Connell, 3114 Presbury St., $26,982. Noted Aug. 2.

Florida—State Roads Dpt., F. A. Hathaway, chn., Tallahassee, broken stone paving Project 687-B, Lake Co., to W. P. McDonald Constr. Co., Lakeland, $190,053—Project 53-C, Lake Co., to Manly Constr. Co., Ocola, $59,409. Noted July 19.

Fla., Fernandina—Concrete curbing, guttering, double surface treating on 7 in. lime rock paving streets, to Manly Constr. Co., Ocala, $92,115.

Alabama—State Hy. Comn., Montgomery, grading 22.65 mi. hy. in Winston Co. to Bessemer Eng. & Constr. Co., 2109-5th Ave., N., Birmingham, $184,209—13.28 mi. Jackson Co. to C. A. O. Constr. Co., Daytona Beach, Fla., $232,043—17.31 mi. Blount Co. and cement concrete paving 16.43 mi. Coosa and Chilton Counties to W. C. McCoy, Lafayette, $111,928 and $164,367 respectively—15.4 mi. Blount and Jefferson Counties to Hopper-Winston, Auburn, $201,537 and approach to Keller Memorial Bridge, to City of Decatur, $6,432. Grand total $900,516. Noted July 26.

Ky., Fulton—Grading, curbing, paving 39,325 sq.yd. Dist. 3, and 23,023 sq.yd. Dist. 4, to Carey Reed Co., 575 North Front St., Memphis, Tenn., $188,000.

Ohio—H. J. Kirk, dir. Hys., Columbus, grading, widening, brick paving 0.119 mi. Huron Co., to A. J. Baltes, Norwalk, $21,817—0133 mi. Athens Co., to P. H. Beckler, Athens, $23,233—concrete paving 5.120 mi. and 0.919 mi. both in Richland Co., to R. R. Heffner, Celina, $115,666 and $28,621 respectively, waterbound macadam paving 3.322 mi. Delaware Co., to Edwards Constr. Co., Sunbury, $55,014—5.83 mi. Wood Co., to W. S. Flarety, Woodville, $133,155, and

Streets and Roads (Continued)

concrete paving 7.196 mi. Fayette Co., to C. O. Baldwin, Hillsboro, $115,737. Grand total $493,243. Noted Aug. 9.

O., Akron—F. E. Swineford, dir. Service, granite and stone curbing, sidewalks, vitr. brick paving 6,900 sq.yd. Campbell St., to McAlonan Bros., 506 Woodland Ave., $44,-185—asphalt paving 9,200 sq.yd. Hawkins Ave. and Texaco paving 6,400 sq.yd. Glenwood Ave., to Thorpe Constr. Co., 610 Hippodrome Bldg., Cleveland, $45,213 and $31,-623 respectively—concrete paving 6,100 sq.yd. Vinita Ave. et al. and Texaco paving 7,950 sq.yd. Dover St., to T. E. McShaffrey Constr. Co., 173 South Forge St., $36,748 and $45,461 respectively—improving Eva Ave. et al. to J. W. Hurak, 617 Brown St., Akron, $26,667. Grand total $230,797. Noted July 26.

O., Cleveland — Comrs. Cuyahoga Co., stone curbing, grading, 3 in. brick paving 30,800 sq.yd. Green Rd. Sect. B, to F. B. Stein, Babbitt Rd., Euclid, $172,382—3 in. brick paving 61,450 sq.yd. Green Rd. Sect. A, to Highway Constr. Co., Guarantee Title Bldg., Cleveland, $346,130. Noted Aug. 9.

O., Columbus—W. H. Duffy, dir. Service, concrete paving alley north Patterson Ave. and alley west 5th St., to C. & G. Constr. Co., 1381 Essex St., $4,479—alley north of Sullivan Ave., to Federal Paving Co., 208 South High St., $1,975—asphalt paving Burgess Ave., to Cleveland Trinidad Paving Co., Grand Theatre Bldg., $17,946—4,190 sq.yd. Richardson Ave., to Clevelnad Trinidad Paving Co., Grand Theatre Bldg., $17,-085—grading, curbing, paving 4,760 sq.yd. Norwood Ave., to A. W. Burns, Constr. Co., 424 Woodland Ave., $21,202. Grand total $62,687.

O., Euclid (br. Cleveland)—To Gould & Maybach, 16311 Saranec Rd., Cleveland, curbing, vitr. brick paving East 227th St. $9,705—Maydale St. $13,057 and Roberts Ave., $13,052. Grand total $35,814.

O., Massillon—Paving Tremont Ave. and 17th St. S.W. to Urban Bros. Co., Massillon, $56,742 and $43,309 respectively.

O., New Boston (sta. Portsmouth) — Grading, widening, curbing, sheet asphalt concrete paving Gallia St., Sect. B, to S. Monroe & Sons, Portsmouth, $15,554 — Gallia St., Sect. C, to Frowine Bros., Portsmouth, $20,272—Rhodes Ave. Sect. A, and Rhodes Ave. Sect. B, to Kelly Bros., Portsmouth $14,445 and 61,490 respectively. Grand total $111,761. Noted Sept. 8.

Indiana—J. D. Williams, dir. State Hy. Dpt. Indianapolis, concrete paving 10.469 mi. State Rd. 27, Allen Co., to Grace Constr. & Supply Co., Ft. Wayne, $187,801. Est. $244,572. Noted May 10.

Ind., Anderson — Bd. Wks., sidewalks and streets in Meadowville addition, to E. E. Lvst Co., New Bank Bldg., $74,185.

Ind., Anderson — Madison Co., concrete paving 1½ mi. Pitt and Dewey Sts., to W. McVaugh, Anderson, $30,080.

Ind., Bedford—Concrete paving 13th St., to W. J. Nees Constr. Co., Frankfort, $15,-207; K St., to Sherrill & Blackwell Co., Bedford, $10,597.

Ind., Bedford—Lawrence Co., crushed stone paving Lawrenceport Rd., to Harding Road Co., Loogootee, $36,355; stone paving Hunter Rd., to O. P. Truley, Bedford, $6,300. Noted July 26.

Ind., Bloomington—Monroe Co., crushed stone paving Bastin and Mercer Rds., to Bloomington-Stone Co., Bloomington, $50,-495; Stewart Rd., to Monroe Co. Stone Co., Bloomington, $14,355. Grand total $64,850. Noted Aug. 2.

Ind., Brazil—Clay Co. stone paving Duncan Rd., to LaSalle & Gibbons, Clay City, $13,182; brick paving Levi Louderback Rd., to Underwood & Sheehan, Brazil, $35,171. Noted July 26.

Ind., Valparaiso — Porter Co., concrete paving Grinder, Bauer and Lidster Rds., to W. St. Clair, Valparaiso, $87,680. Noted Aug. 2.

Ind., Vincennes—Knox Co., concrete and asphalt paving Frank Culbertson Rd., to Lenahans & Konen, Vincennes, $158,517.

Michigan—R. A. Beers, resident engr., Kalamazoo, graveling 8.84 mi. MO8-18, C-1, 18 ft., Barry Co., to L. D. Cool, Hastings, for State Hy. Dpt., Lansing, $97,843. Noted July 12.

Michigan—H. C. Fleming, resident engr., Grand Rapids, concrete paving 1.131 mi. MO54-16, C-1 and MO54-17, C-1, 20 ft., Mecosta Co., to Willits Bros., New Buffalo, for State Hy. Dpt., Lansing, $53,855. Noted July 19.

Michigan—C. H. Green, resident engr., Alpena, concrete paving 1.803 mi. MO16-16, C-1, 20 ft., Cheboygan Co., to Goldberg Constr. Co., Mackinaw City, for State Hy. Dpt., Lansing, $67,510. Noted July 19.

Michigan—G. D. Tramp, resident engr., Crystal Falls, graveling 7.803 mi. FO7-3, C-1, 18 ft., to Herman Holmes, Crystal Falls, $190,971, 7.803 mi. FO7-3, C-1, 18 ft., to Hill & Belknap, East Tawas, $41,237, both in Baraga Co., for State Hy. Dpt., Lansing.

Michigan—A. R. Schaefer, resident engr., New Berry, graveling 3.098 mi. MO17-4, C-1, both 18 ft., Chippewa Co., to C. G. Bridges, Norway, $82,048 and $79,585 respectively, for State Hy. Dpt., Lansing. Noted June 28.

Ill., Carrollton—Bd. Local Impvt., grading, curbing, 7 in. rein.-con. paving 3,952 sq.yd. Dist. 1, and 10,510 sq.yd. Dist. 2, to McElwee & Rogy, 826 South Adams St., Peoria, $10,894 and $28,523 respectively. Noted July 19.

Ill., La Harpe — Grading, curbing, 7 in. rein.-con. paving 25,027 sq.yd. Main St., to Jansen & Schaefer, Pekin, $59,434. Est. $68,717. Noted July 19.

Ill., Monmouth—Concrete paving 5 blocks East Boston Ave., East 1st and North 7th Sts., to W. Hayes & Son, Chicago. Est. $28,416. Noted July 5.

Wisconsin—State Hy. Comn., Eau Claire, grading 1.68 mi. Federal Aid Project 395-C, Merrillan-Humbird Rd., Clark Co., to W. J. Wolf, Eau Claire, $23,272; graveling same road, to L. R. Pierce Co., Appleton, $6,775.

Wisconsin—State Hy. Comn., Eau Claire, grading 1.68 mi. Federal Aid Project 395-C, Merrillan-Humbird Rd., Clark Co., to W. J. Wolf, Eau Claire, $23,272; graveling same road, to L. R. Pierce Co., Appleton, $6,775.

Wis., Antigo—For 7 in. rein.-con. paving 18,000 yd., to Schuette Constr. Co., Manitowoc $46,171.

Wisconsin—State Hy. Comn., Lancaster, concrete paving 6,160 sq.yd. Job 9309, North Madison St., Lancaster, to A. R. Coffeen, Decorah, Ia. $13,893—6,852 sq.yd. Job 9310, Arena-Mazomanie Rd., to J. L. Frame, Blue Mounds $26,886—crushed rock surfacing, 4,500 cu.yd. Job 9187, Nelson Dewey Park Rd., to Watson & Jenkins, Cobb $8,820—and 7,830 cu.yd. Job 3982C, Platteville-Mineral Point Rd., to Cuba City Constr. Co., Cuba City $15,660. Grand total $65,259.

Wisconsin—State Hy. Comn., Madison, concrete surfacing 148,110 sq.yd. Sheboygan-Kiel Rd., Project 2807, to Wilson Constr. Co., Appleton $200,158.

Wisconsin—State Hy. Comn., Madison, concrete paving 15,963 sq.yd. Dubuque-Platteville Rd. Project 451-A and 9294, Grant Co., to Uhlrich-Paley Co., Dubuque, Ia. $79,719—37,438 sq.yd. County Trunk Hy. Z, Outagamie Co., to Valley Eng. & Constr. Co., Appleton $81,105—crushed graveling 3,593 cu.yd. Gordon Underpass, Federal Aid Project 377-E, Douglas Co., to A. E. Tilseth, Menomonie $28,089—and 7,128 cu.yd. Solon Springs-Rockmont Rd., Project 377-B, to V. Nelson, Superior $12,-813. Grand total $201,726.

Wisconsin—See "Bridges."

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to Bartel-Maurer Co., 925 Muckego Ave., grading, sheet asphalt paving Ohio Ave. $2,715—to White Constr. Co., 68 East Wisconsin Ave., Greenfield Ave. $51,-441, Superior St. $13,922, Wells St. $25,289—to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave., Market St. $15,741, and Wells St. $15,116. Grand total $124,214. Est $126,460. Noted July 12.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to J. P. Mohlberg, 818 Capitol Dr., grading, concrete paving Fiebrantz Ave. $374, 1 alley $17,532—to Eastern Constr. Co., 878 Franklin Pl., Limis St. $1,427, 20th St. $2,099, and 5 alleys $12,039. Grand total $36,332.

Wis., Milwaukee — Dpt. P. Wks., R. E. Stoelting, comr., grading, concrete paving 4 alleys, to N. Harris, Girard and St. Albian Sts. $22,389—5 alleys, to J. C. Bluhm & Son, 1299 Achilles Pl. $12,763—2 alleys, to Eastern Constr. Co., 878 Franklin Pl. $17,812—and 1 alley, to Schwerm Bros., 50 Lee St. $5,185. Grand total $58,149.

Wis., Milwaukee — Dpt. P. Wks., R. E. Stoelting, comr., concrete paving 1 alley, to Eastern Constr. Co., 878 Franklin Pl. $3,025—4 alleys, to Schwerm Bros., 50 Lee St. $28,615—2 alleys, to J. C. Bluhm. 299 Achilles Pl. $3,503—3 alleys, to N. Harris, Girard and St. Albian Sts. $11,036—1 alley, to Bodeman Constr. Co., 691 48th St. $700. Grand total $46,879.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., concrete paving East Ohio Ave., to R. H. Gumz, 831 13th Ave. $1,887—East Euclid Ave., to F. W. Blodgett, 521 Newton Ave. $5,801—St. Paul Ave., to J. C. Bluhm, 1299 Achilles Pl. $6,225—Winton Dr., to Czerwinski Constr. Co., 816 Clinton St. $7,320—Auer Ave., to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave. $15,-328. Grand total $36,566. Noted July 26.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to Bartel-Maurer Co., 925 Muckego Ave., grading, sheet asphalt paving Ohio Ave. $2,715—to White Constr. Co., 68 East Wisconsin Ave., Greenfield Ave. $51,-441, Superior St. $13,922, Wells St. $25,289—to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave., Market St. $15,741, and Walls St. $15,116. Grand total $124,214. Est. $126,460. Noted July 12.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to J. P. Mohlberg, 818 Capitol Dr., grading, concrete paving Fiebrantz Ave. $374, 1 alley $17,532—to Eastern Constr. Co., 878 Franklin Pl., Limis St. $1,427, 20th St. $2,099, and 5 alleys $12,039. Grand total $36,332.

Wis., Milwaukee — Dpt. P. Wks., R. E. Stoelting, comr., grading, concrete paving 4 alleys, to N. Harris, Girard and St. Albian Sts. $22,389—5 alleys, to J. C. Bluhm & Son, 1299 Achilles Pl. $12,763—2 alleys, to Eastern Constr. Co., 878 Franklin Pl. $17,812—and 1 alley, to Schwerm Bros., 50 Lee St. $5,185. Grand total $58,149.

Wis., Milwaukee—Dpt. P. Wks., R. E. Stoelting, comr., to Czerwinski Constr. Co., 816 Clinton St., grading, paving Cleveland Ave. $12,818, Morgan Ave. $26,383, 36th St. $14,299—to Gumz & Switalski, 831-13th Ave., 11th Ave. $16,848, 33rd Ave. $21,692—to J. C. Bluhm & Son, 1299 Achilles Pl., 44th St. $5,257, 25th St. $7,467—to A. J. Koch, 1297 Cramer St., St. Paul Ave. $7,-539—to F. W. Blodgett, Inc., 521 Newton Ave., 39th St. $19,195—to Wisconsin Asphalt Paving Co., 123 Wisconsin Ave., 5th St. $6,004. Grand total $207,422.

Minn., Red Wing — C. T. Taylor, aud. Goodhue Co., grading 75,232 cu.yd. Job 2802, State Aid Rd. 21, to Nelson, Mullen & Nelson, 355 Gateway Bank Bldg., Minneapolis $41,695.

Minn., St. Paul—K. L. Fieseler, city purch. agt., paving Hamline Ave. between Randolph St. and Edgecombe Rd., to C. F. Scalley Equipment Co., 212 Dakota Bldg. $57,347. Noted July 12.

Minn., St. Paul—Curbing, 3 in. asphaltic concrete paving St. Clair St. between Fairview and Cleveland Aves., to Feyen Constr. Co., 277 Burgess St. $26,680.

Kan., Beloit — Mitchell Co., grading, 2 bridges, 2.146 mi. Project 649—2,209 mi. Project 660, to Mead & Hardman, Alton, $33,442.

Kan., Columbus—Cherokee Co., chat surfacing, 2 bridges, 7.596 mi. Center Star Rd., to Maxwell Constr. Co., Columbus, $35,714.

Kan., Holton—Jackson Co., grading 7.555 mi. Rd. K-24, to Thomson & Co., Holton, $64,600. Noted July 19.

Kan., St. Johns — Clerk Stafford Co., grading, sanding surfacing 5.303 mi. U. S. 50-S Project 566, to L. W. Rexroad, Saliner, $28,693. Noted July 5.

Kan., Seneca—Nemaha Co., grading 5.612 mi. Rd. K-9, Project 592, to Interstate Concrete Co., Fairbury, Neb., $35,786.

Wyoming—State Hy. Comn., Cheyenne, grading, surfacing 10.8 mi. State Project 725, Albany Co., to A. H. Reed, Cheyenne $27,821; crushed rock surfacing 24.139 mi. State Project 727, Stillwater Co., to T. J. Tobin Constr. Co., Madison, S. D., $65,188.

Missouri — State My. Comn., Jefferson City, (**R. means Route**) to Carte-Harlin Constr. Co., West Plains, 24 ft. grading 1.623 mi. R. 51-A, Sect. 2, Bollinger Co. $22,458—to J. Spitcaufsky, Kansas City, 30 ft. grading 4.733 mi. R. 65, Sect. 395-E, $48,027 and 4.732 mi. R. 65, Sect. 295-F $27,182, both Benton Co.—to A. A. Davis & Co., Kansas City, 0.288 mi. R. 61, Sect. 140, Pemiscot Co. $1,728, 4.038 mi. Sect. 40-B $26,856, 3.289 mi. Sect. 40-C $21,183, New Madrid Co.—to G. W. Condon, Omaha, Neb., 0.183 mi. R. 1, Sect. 14-A, Holt Co. $2,140, 0.473 mi. R. 18, Sect. 308-A, Nodaway Co. $6,385—to A. W. Mosley, Kansas City, 2.52 mi. R. 65, Sect. 295-D, Benton Co. $10,462—to Penzel & Lemaster, Jackson, 0.582 mi. R. 61, Sect. 289-C, Cape Girardeau Co. $25,709—grading, 18 ft. graveling 1.653 mi. R. 63, Sect. 110-C, Phelps Co. $29,600—to C. E. Hamilton, Carbondale, Ill., grading 1.135 mi. R. 25, Sect. 211-C, Stoddard Co. $1,838, 18 ft. concrete paving same road $16,786, grading and portland cement concrete paving 3.835 mi. R. 25, Sect. 197-B, Stoddard Co. $62,356—to List & Weatherly, Kansas City, 18 ft. chats surfacing 1.413 mi. R. 71, Sect. 305-A, Jasper Co. $45,043—to Millers Garage, Inc., St. Louis, grading, 18 ft. portland cement concrete paving 1.673 mi. R. 32, Sect. 34 $49,899, concrete paving 0.098 mi. R. 32, Sect. 35, $2,548, St. Francois Co., 18 ft. graveling 4.128 mi. R. 4, Sect. 302-A, $8,782, 4.795 mi. R. 4, Sect. 302-B $15,900, 4.48 mi. R. 4, Sect. 302-C $13,980, all Putnam Co.—to M. C. W. Constr. Co., Jackson, 2.803 mi. R. 51, Sect. 208-B, Bollinger Co. $12,808—to Graham Bros., Leeds, 4.372 mi. R. 24, Sect. 301-C, Monroe Co. $27,-017. Grand total $478,690. Noted July 5.

Mo., Kansas City—For 3 in. vitr. brick paving Independence Blvd., between Admiral Blvd. and Benton St., to Hoover Bros. Constr. Co., 1300 West 18th St. $62,-126. Noted May 10.

Constr News page 101

Streets and Roads (Continued)

Mo., Plattsburg—T. F. Downey, city clk., City Hall, grading, curbing, 7 in. concrete paving Main, Locust and Maple Sts., to E. D. Tyner Constr. Co., 14th and Elm Sts., Kansas City $22,450. Est. $25,526.

Mo., Richmond Heights (mail St. Louis) —To Carlon Constr. Co., 3516 Greenwood Ave., 7 in. rein.-con. paving 2,190 sq.yd. Goff Ave. $7,183, 5,133 sq.yd. Warner Ave. $7,475, 4,334 sq.yd. Williams Ave. $14,807, 2 in. asphaltic macadam wearing surface on limestone paving LaVeta Ave. $8,645, 3,041 sq.yd. Highland Terrace $9,946—to C. M. Berry Constr. Co., 7370 Manchester Ave., Maplewood, 7 in. rein.-con. paving 1,293 sq.yd. Delta Ave. $5,326, 2,725 sq.yd. Claytonia Terrace $9,400—to Independent Asphalt & Constr. Co., 5523 Manchester Ave., St. Louis, 7 in. rein.-con. 363 sq.yd. asphaltic concrete paving 1,209 sq.yd. McKain Ave. $4,935. Grand total $67,717.

Mo., St. Louis—Bd. P. Serv., City Hall, grading, concrete paving 9 alleys, to Joseph Kesl & Sons, Title Guaranty Bldg. $26,765—4 alleys, to Perkinson Bros. Constr. Co., 3237 Carter Ave. $12,391—4 alleys, to Eyermann Contg. Co., 1210 South Grand Blvd., $11,787—4 alleys, to Alfred Lewald, Inc., 6025 West Cabanne Ave. $14,674—and 4 alleys, to Skrainka Constr. Co. Security Bldg., $14,650. Grand total $80,267. Noted June 28.

Mo., St. Louis—Bd. P. Serv., City Hall, to Trinidad Asphalt Mfg. Co., 600 South Teresa Ave., warrenite bitulithic paving 7,630 sq.yd. Cates Ave. $50,632, 8,215 sq.yd. Clemens Ave. $33,275, 2,585 sq.yd. Glasgow St. $10,669, 2,400 sq.yd. Laurel St. $10,476, and 8,480 sq.yd. Oak Hill $68,551. Grand total $173,603.

Mo., St. Louis—To C. A. Moreno, Syndicate Trust Bldg., vibrolithic concrete paving 1,880 sq.yd. Hoffman Ave. $9,691, 965 sq.yd. Montrose Ave. $2,883 and asphalt paving 2,940 sq.yd. Texas Ave. $19,195. Grand total $31,769.

Mo., St. Louis—bd. P. Serv., City Hall, to Central Paving & Constr. Co., Ambassador Theatre Bldg., warrenite bitulithic paving 2,665 sq.yd. Delmar Ave. $8,244, 3,720 sq.yd. McCausland Ave. $16,704, 2,000 sq.yd. Terry Ave. $10,066, 1,505 sq.yd. Neosho St. $10,198, and 635 sq.yd. Geyer Ave. $12,631—to Trinidad Asphalt Mfg. Co., 600 South Theresa Ave., asphalt paving 2,170 sq.yd. 22nd St. $37,825—to Bridges Asphalt Paving Co., 1470 Kentucky Ave., asphalt paving 5,815 sq.yd. 23rd St. $37,844. Grand total $133,512.

Mo., St. Louis—Bd. P. Serv., City Hall, asphalt paving 1,465 sq.yd. Blair Ave. and 1,840 sq.yd. Penrose St., to Trinidad Asphalt Mfg. Co., 600 South Teresa Ave. $14,196 and $14,000 respectively—warrenite bitulithic paving 18,100 sq.yd. Enright St. and 2,385 sq.yd. Sulphur St., to Granite Bituminous Paving Co., Rv. Exch. Bldg. $121,831 and $17,126 respectively—amiesite paving 6,960 sq.yd. Cora Ave., to Webb-Boone Paving Co., 5103 Fyler Ave. $45,843. Grand total $212,996.

Ark., Little Rock — Asphaltic concrete paving 17,250 sq.yd. Impvt. Dist. 493, to P. F. Connelly Paving Co., Home Insurance Bldg., $18,112. Noted Apr. 5.

Ark., Magnolia — Bd. Comrs., Street Impvt. Dist. 1, R. S. Warnock, chn., grading, curbing, 6 in. rein.-con., paving, to McGuire & Cavender, Clinic Bldg., Texarkana, $38,851. Noted Aug. 2.

Ark., Magnolia — Comrs. Street Impvt. Dist. 4, H. D. Hutcheson, chn., grading, 6 in. rein.-con., paving 15,500 sq.yd., to McGuire & Cavender, Clinic Bldg., Texarkana, $41,802.

Ark., Magnolia — Comrs. Street Impvt. Dist. 3, c/o J. G. Hendrickson, chn., grading, curbing, guttering, 6 in. rein.-con. paving 7,800 sq.yd., to McGuire & Cavender, Clinic Bldg., Texarkana, $20,735. Noted May 31.

Texas — G. Gilchrist, state hy. engr., Austin, **(e.e. means engrs. est.)**, to S. F. Vann, P.O. Box 267, Trinity, grading and bridging 15.099 mi. hy. Victoria Co. $53,385 e.e. $45,000—9.965 mi. Wilson Co. $52,653 e.e. $63,000—5.74 mi. Karnes Co. $30,307 e.e. $45,000—to J. Thompson, San Augustine 2.37 mi. Hardin Co., $66,766 e.e. $72,000—to Tibbetts Constr. Co., 714 Neil P. Anderson Bldg., Ft. Worth, 8.218 mi. Young Co., $34,691 e.e. $35,000—to Thomas & Ratliff, Rogers, 4.555 mi. Milam Co., $34,145 e.e. $36,000—to H. E. Denny 218 Sidney St., Houston, 7.721 mi. Jackson Co., $31,316 e.e. $37,800—to D. H. Purvis & Son, P.O. Box 706, Ft. Worth, 9.553 mi. Cherokee Co. $59,859 e.e. $61,400—to Eproson Bros., P.O. Box 421, Sherman, 8.448 mi. Anderson Co., $28,565 e.e. $34,200—to Carey Bros., Anson, 20.579 mi. Baylor Co. $93,363 e.e. $108,000—to J. A. Greathouse, 1706 West 6th St., Austin, 12.848 mi. Goliad Co., $30,269 e.e. $32,600—to Womack Constr. Co., P.C. Box 664, Sherman, 37.23 mi. Hale Co., $69,465 e.e. $81,000—to J. S. Moore & Sons, Lufkin, 7.84 mi. Henderson Co., $46,336 e.e. $50,400—to Martin Bros., Beaumont, 2.028 mi. Harris Co. $63,011 e.e. $36,000 and grading and shell surfacing 5.473 mi. Calhoun Co. $66,418 e.e. $63,000—to H. K. McCollum, 1507 Ft. Worth Natl. Bank Bldg., Ft. Worth, one course asphalt surfacing 17.8 mi. Trinity Co. $28,071 e.e. $26,500 and 22.6 mi. Jasper and Newton Counties $35,548 e.e. $32,000—12 mi. Potter Co. $25,027 e.e. $26,000—to Dodds & Wedegartner, P.O. Box 858, San Benito, concrete paving 9.749 mi. Anderson Co. $208,323 e.e. $216,000—to J. C. Feild, P.O. Box 245, Denison, 9.684 mi. Jones Co. $215,690 e.e. $216,000—to F. P. McElwrath, Corsicana, 1.067 mi. Navarro Co. $25,619 e.e. $25,000—to K. S. Heath, 27 Alberta Court, San Diego, Calif., 9.844 mi. Wharton Co., $209,454 e.e. $216,000—to Southwestern Bitulithic Co., P.O. Box 266-Sta. A., San Antonio, 10.257 mi. Taylor Co., $237,247 e.e. $234,000. Grand total $1,745,528. Noted July 26.

Tex., Commerce—Bd. Comn., C. T. England, city secy., concrete curbing, guttering, and concrete paving 11,411 sq.yd., to Janes Contg. Co., 805 Trunk Ave., Dallas, $34,256. Noted July 26.

Tex., Texhoma (mail Strafford)—For 2 in. brick on 4 in. concrete paving various streets to J. Stanton & Son, Leavenworth, Kan., $49,829. Est. $50,000.

Tex., Weslaco—Concrete paving 70,000 sq.yd. to Brown & Root, Georgetown, Ga., $135,000. Noted June 14.

Colo., Denver — Dpt. Impvt. & Parks, grading, curbing, crushed gravel surfacing South Denver Impvt. Dist. 10, to M. E. Carlson, 4483 Newton St., $92,724—asphaltic concrete paving South Capitol Hill Impvt. Dist. 15, to Levy Constr. Co., Symes Bldg., $34,499. Noted July 19.

Idaho—State Hy. Comn., Boise, grading 46,100 cu.yd. Project 4-B, Custer Co., to Ryberg, McHugh & Cowley, Boise, $27,385—4.6 mi. Project 117-B, Teton Co., to Butler Bros., Driggs, $6,191—6.234 mi. Project 141-B, Twin Falls Co., to C. A. Robinson, Twin Falls, $63,775—grading, crushed rock surfacing 7.949 mi. Project 40-A, Washington Co., to Joslin & McAllister, Spokane, Wash., $33,149. Grand total $130,499.

Idaho—State Hy. Comn., Boise, crushed graveling 9,400 cu.yd. Project 84-C, Bingham Co., to Girard McConkie, Soda Springs $22,793—crushed rock surfacing 8.172 mi. Project 124-A, Bonner Co., to W. J. Doust, Spokane, Wash., $29,030—12.422 mi. Project 130-A, Clearwater Co., to J. F. Konen, Lewiston, $47,252. Grand total $99,075.

Nevada—State Hy. Comn., Carson City, asphaltic fuel oil on Federal Aid Project 101A, B, 87 A and 83, Clark Co., to J. Casson, Hayward, Calif. $36,025.

Arizona — State Hy. Comn., Phoenix, grading 5.7 mi. Federal Aid Project 87-C and Federal Aid Project 15, to Lee Moor Contg. Co., El Paso, Tex., $35,456 and $14,498 respectively. Noted July 19.

Washington—State Hy. Comn., Olympia, grading 65,800 cu.yd., Asotin Co., to Gumaer & Straalsund, Parsons Hotel, Spokane $36,760—graveling 2,740 cu.yd. Kitsap Co., to McHugh & Coluccio, 1450 Elliot Ave., W., Seattle $29,841—water bound macadam paving 17,000 cu.yd. Jefferson Co., to C. E. Martin, R.F.D. 3, P.O. Box 160, Seattle $29,722. Grand total $96,423.

Washington—State Hy. Comn., Olympia, grading 65,800 cu.yd., Asotin Co., to Gumaer & Straalsund, Parsons Hotel, Spokane $36,760—graveling 2,740 cu.yd. Kitsap Co., to McHugh & Coluccio, 1450 Elliot Ave., W., Seattle $29,841—water bound macadam paving 17,000 cu.yd. Jefferson Co., to C. E. Martin, R.F.D. 3, P. O. Box 160, Seattle $29,722. Grand total $96,423.

Wash., Enumclaw—City Council, paving 14 blocks Washington St. to Adler & Ruth, Tacoma, $25,676.

Wash., Seattle—Filling Kenyon St., to Puget Sound Bridge & Dredging Co. Central Bldg. $34,453.

Wash., Yakima — For 6 in. one-course concrete paving 13 blocks 16th, 17th, 18th, South and Bonnie Doone Aves. to G. M. Savage Co., 401 East 11th St., Tacoma, $43,441.

Ore., Portland — City Council paving 8,500 ft. Front St., to F. J. Gregory, Portland $37,555; Ainsworth Ave. between 17th and 33rd Sts., to Municipal Paving Plant, Portland $34,017.

California — State Hy. Comn., Sacramento, grading, concrete paving 3.5 mi. San Mateo Co., to H. W. Rohl Co., 722 West 7th St., Los Angeles, $661,373—grading, crushed gravel surfacing 6.3 mi. Mariposa Co., to Basich Bros. Constr. Co., 3788 South Vermont St., Los Angeles, $166,784. Noted Aug. 16.

California — State Hy. Comn., Sacramento, crushed gravel surfacing 6.5 mi. road between Butte City and East Boundary, in Glenn Co., to Hemstreet & Bell, Marysville, $13,325. Noted July 12.

Calif., Auburn — A. S. Fleming, clk., Placer Co., grading, paving 5 mi. of streets and roads on east side of Lake Tahoe, to F. L. Carson, 693 Sutter St., San Francisco, $84,589. Noted Aug. 9.

Calif., Los Angeles — Grading, curbing, guttering, oiled roadway 307,801 sq.ft. 8 in. concrete paving 470,285 sq.ft. Riverside Dr., to A. M. Peck, 4568 Finley Ave., Los Angeles, $152,405. Noted Aug. 16.

Calif., Los Angeles—Grading, concrete, asphaltic concrete paving Q. St., to G. H. Oswald, 366 East 58th St., Los Angeles, $152,830.

Calif., Los Angeles — Asphalt and concrete paving Ave. 50, to G. H. Oswald, 366 East 58th St., Los Angeles, $150,201.

Calif., Lynwood—For 6- to 8-in. vibrolithic concrete paving 242,460 sq.ft. Twenty-Abbott Rd., to R. O. Peters, 930 North Magnolia Ave., Whittier, $87,365.

Calif., Merced — Merced Co. asphaltic concrete paving Le Grande Rd., to Valley Paving & Constr. Co., Visalia, $52,800. Noted Aug. 9.

Calif., Oakland—Grading, vibrolithic concrete paving Excelsior Ave. and Hopkins Sts., to Oakland Contr. Co., Latham Sq. Bldg., $86,659. Noted July 19.

Calif., Redwood City—W. A. Price, city clk., grading, curbing, guttering, warrenite on 3 in. broken stone surfacing King and Iris Sts., to Peninsula Paving Co., Standard Oil Bldg., San Francisco, $102,602. Noted Aug. 2.

Calif., San Bernardino — Supervs. Los Angeles Co., asphaltic concrete paving Merrill Ave. and Carbon Canyon Rd., to Southwest Paving Co., Washington Bldg., Los Angeles, $97,400. Noted June 28.

Ontario—Toronto and York Roads Comn., 57 Adelaide St. E., Toronto, concrete paving 6.8 mi. County Rd. from Schombert to Nobleton, to Dufferin Constr. Co., foot of Bathurst St., Toronto, $180,000.

Ontario—Town of Sudbury, International Nickel Co. and Mond Nickel Co., tarvia macadam paving 2 mi. road from Sudbury to Frood Mine, to Gustina & Zettler, Box 696, Sudbury. Est. $25,000. Noted July 5.

Ontario — Dpt. Northern Development, Parliament Bldgs., Toronto, 16.8 mi. roadway between Smooth Rock Falls and Driftwood, to Cochrane Constr. Co., Cochrane, $86,143. Noted July 5.

Ont., Aurora—Concrete curbing, guttering, bitulithic on concrete paving 11,000 sq.yd. streets, to Warren Bituminous Paving Co., 54 University Ave., Toronto. Est. $50,000.

Ont., Cremore—J. H. Hood, town clk., asphalt paving Main St., to Godson Contg. Co., 203 Richmond St. W., Toronto. Est. $35,000.

Ont., Kitcheger — Asphalt on concrete paving 10,000 sq.yd. streets, to Standard Paving Co., Central Chambers, Ottawa; concrete paving 8,242 sq.yd. streets, to P. Bergmann, Box 24, Waterloo. Est. $50,000. Noted July 19.

Ont., Mimico—Concrete curbing, guttering, asphaltic concrete on concrete paving 7,000 sq.yd. streets, to Lowes Constr. Co., Brown Bldg., New Toronto, $34,095.

Ont., Niagara Falls—H. H. Beam, secy. Niagara Falls Suburban Area Com., 968 Robert St., 3 in. asphalt and concrete paving 44,080 sq.yd. McLeod Rd., Stamford Twp., to Law Constr. Co., Ltd., Confederation Life Bldg., Toronto. Noted July 19.

Ont., Ottawa—Concrete curbing, guttering, asphalt on concrete paving Greenfield Ave., to Standard Paving Co., Central Chambers, Bank St., by day labor. Est. $35,000.

Ont., Toronto—Asphalt on concrete paving Brunswick Ave., to Constr. & Paving Co., Confederation Life Bldg., $18,611. Niagara St., to Godson Contg. Co., 203 Richmond St. W., $8,385, and Bedford Rd., to city by day labor, $4,601. Grand total $31,597.

Ont., Toronto—Asphalt on concrete paving Spruce and Wellesley Sts., to Kilmer & Barber, 73 Adelaide St. W., $14,896; Close Ave., to Godson Contg. Co., 203 Richmond St. W., $5,579; concrete sidewalks on Nelson St. and 5 avenues, to Toronto Cement Finishing Co., 24 Royce Ave. Est. $30,000.

Ont., Toronto — Asphalt paving Marlborough St., to Kilmer & Barber, 73 Adelaide St., $9,983; Spencer Ave., to Godson Contg. Co., 203 Richmond St. W., $7,749; Crawford St. and 3 avenues, to city by day labor, $25,025; concrete sidewalks on Ardogh St., Elora and Wanda Rds., to Mitchell Bros., Prescott Ave. Est. $45,000. Noted Aug. 2.

Ont., Toronto—East York Twp., 3 in. asphalt on 6 in. concrete paving 6,500 sq.

Constr. News page 102

Streets and Roads (Continued)

yd. 2nd and Westlake Aves., to Kilmer & Barber, 10 Adelaide St. E., $29,661.

Ont., Toronto—York Twp., bitulithic on concrete paving Rushton Rd., Ewart Ave. and Juliet Crescent, to Warren Bituminous Paving Co., 54 University Ave., $41,225; asphalt paving McNab Ave., to Constr. & Paving Co., Confederation Life Bldg., $3,588; concrete sidewalks on Old Weston Rd. and Arlington Blvd., to Simpson Contg. Co., 227 Wychwood Ave., $689; Vaughn Rd. and Kane Ave., to T. Strong, 114 Cedric Ave., $673. Grand total $46,-175. Noted July 19.

B. C., New Westminster—Grading, concrete paving 12th and Columbia Sts., to Carter-Halls-Aldinger Co., Ltd., 500 Beatty St., Vancouver. $41,229. Noted Jan. 12.

B. C., Point Grey—Concrete or asphaltic concrete on 6 in. concrete paving streets, to Armstrong Morrison Paving Co., 553 Granville St., Vancouver, $28,001 — to Hodgson, King & Marble, 626 Pender St., Vancouver, $9,426—to Harrison & Lamond, 615 Hastings St. W., Vancouver, $8,938—to Dawson Wade & Co., 500 Beatty St., Vancouver, $44,343—warrenite on block base paving, to Columbia Bitulithic Ltd., 500 Beatty St., Vancouver, $11,123. Grand total $101,831.

B. C., Vancouver — City, paving Rupert St., Victoria Drive, 17th, 22nd, and 4 51st Aves., South Vancouver ,asphaltic concrete to General Constr. Co., Ltd., 736 Granville St., $6,548 and Ellis Cotton Co., Ltd., False Creek Yards, $5,517—concrete to King & Moncruff Constr. Co., 207 Hastings St. $45,093. Grand total $57,1.8.

Public Bond Elections

Coming Bond Elections

Waterworks — Stinnett, Tex., Sept. 8, $37,000.
Waterworks—Oceanside, Calif., $100,000.
Roads — Cooke County, Tex., Sept. 11, $2,000,000.
Roads — Ellis County, Tex., Sept. 1, $190,000.
Roads—St. Mary's, Ont., Sept. 4, $40,000.
Airport—Amarillo, Tex., Sept. 8, $100,000.
Airport—Galveston, Tex., $40,000.

Bonds Voted

Waterworks—Belleville, Kan., $120,000.
Sewers—Waco, Tex., $250,000.
Sewerage System Extension—Aransas Pass, Tex., $46,000.
Dam—Cooksville, Tenn., $100,000.
Roads—Lee County, Fla., $25,000.
Roads—Briscoe County, Tex., $40,000.
High School — Donna, Tex., Independent School Dist., 175,000.

Bonds Defeated

Sewerage System—La Porte, Tex., $56,000.
Paving—Oklahoma City, Okla., $31,477.
Roads—Jim Wells County, Tex., $450,000.

Buildings—Commercial

Proposed Work

Mass., Boston—STORE and OFFICE—C. W. Rowell, 60 State St., plans by Shepard & Stearns, 65 Franklin St., 2 and 3 story, basement, 60 x 170 ft., brick, plain found., 349-363 Washington St. $150,000.

Mass., Fall River—THEATRE—W. J. Dunn, 65 Academy Bldg., plans by E. G. Bullard & Sons, 908 Purchase St., New Bedford, brick and steel, South Main St. $150,000 or more.

Mass., Quincy (Ind. br. Boston)—MEDICAL WARD—City, C. A. Price, chn. Hospital Dpt., plans by McLaughlin & Burr, 88 Tremont St., Boston, 3 story, basement, 40 x 175 ft., brick, rein.-con., plain found., 114 Whitwell St. $200,000.

Mass., Quincy (Ind. br. Boston)—STORE and OFFICE—G. A Grossman, 43 Hancock St., store and office building, Grossman's Meadow lot. $500,000. Engineer and architect not selected.

Mass., Southbridge—HOSPITAL—Town, C. D. Harrington, Box 1087 plans hospital Oakes Ave. $200,000. Engineer and architect not selected.

Conn., Stamford—HOTEL ADDITION—Hotel Davenport, A. Moorehouse, Park Place, plan brick, steel hotel addition. $150,000.

N. Y., Brooklyn—LOFT—C. H. Schultz Corp., 430 1st Ave., New York, bids in September, loft, Berry and 11th Sts. $250,-000. Francisco & Jacobus, 511 5th Ave., New York, archts.

N. Y., Long Island City—APARTMENT—Filmore Corp., 1320 Prospect Ave., Brooklyn, plans by C. Whinston, 2 Columbus Circle, New York, 6 story, 100 x 200 ft., brick, timber, Filmore Ave. and 32nd St. $300,000.

N. Y., Long Island City—APARTMENT—Judge Constr. Corp., 745 Crawford St., Brooklyn, plans by McManus & Griffiths, 11 East 42nd St., New York, 6 story, 75 x 87 ft., brick, timber, Judge St. and Britton Ave. $160,000.

N. Y., Long Island City—APARTMENT—J. L. Kohoe, 46 West 95th St., plans by C. W. Marso, c/o owner, 6 story, 85 x 123 ft., brick, timber, 30th Rd. and West 29th St. $185,000.

N. Y., Long Island City—STORES and OFFICE—O. Erlandsen, 161-10 Jamaica Ave., Jamaica, plans 10 story, 72 x 110 ft., brick, steel, 161st St. and 89th Ave. $400,-000. Private plans.

N. Y., New York—APARTMENT—Absar Realty Corp., A. Weisan, pres., 2382 Grand Concourse, plans by C. Kreymborg & Son, 2534 Marion Ave., 6 story, 80 x 379 ft., brick, timber, Greystone and 242nd Sts. $750,000.

N. Y., New York—APARTMENTS—Ein Sing Holding Corp., I. Einhoon, pres., 39 East 169th St., plans by Franklin, Bates & Heindsmann, 2526 Webster Ave., 6 story, 77 x 165 ft. apartment, $250,000, also 6 story apartment, $350,000, Sedgewick and Van Courtland Aves.

N. Y., New York—APARTMENT—Loumen Realty Co., L. Brander, pres., 1005 Walton St., plans by L. Stillman, 2419 Webster Ave., 6 story, 86 x 162 ft., brick, timber, Grant Ave. and 169th St. $250,000.

N. Y., New York—APARTMENT—Maxburn Realty Co., M. Brenner, pres., 391 East 149th St., plans by Schaefer & Rutkins, 2408 Grand Concourse, 6 story, 132 x 177 ft. apartment, Pugsley Ave. and 177th St. $375,000.

N. Y., New York — APARTMENT —R. Niles, Jr., 22 East 49th St., and R. P. Aley, 510 East 89th St., bids in December, 15 story, 84 x 125 ft., brick, steel, 1737 Avenue A. $1,000,000. J. E. R. Carpenter, 598 Madison Ave., archt. Noted Mar. 29.

N. Y., New York—APARTMENT—Winmore Constr. Co., 300 Madison Ave., plans by Gronenberg & Leichtag, 1385 Bway., 6 story, 89 x 150 ft., brick, timber, Valentine and 180th St. $300,000.

N. Y., New York — STORES and OFFICE—Estate of J. P. F. Friedhof, Elizabeth, N. J., plans by O. J. Gette, 274 Madison Ave., 8 story, 66 x 88 ft., brick, timber, Tremont and 3rd Aves. $200,000

N. Y., New York—STORE and OFFICE—F. J. Schoonmacher, 368 Lexington Ave., bids latter part of September, 22 story, 79 x 150 ft., 115 East 41st St. $3,250,000. Moore & Landsiedel, 509 Willis Ave., archts.

N. Y., New York—STORE and OFFICE—Three Hundred Eighty-Five 5th Avenue Corp., H. Mandel, pres., 1 Park Ave., bids late in September, 14 story, brick, 5th Ave. and East 36th St. $500,000. Farrar & Watmough, 1 Park Ave., archts.

N. J., East Orange—APARTMENT—D. K. Constr. Co., c/o Warren & Warren, archts., Essex Bldg., Newark, 4 story, basement, 104 x 135 ft. apartment, 1 story, 20 x 103 ft., garage, brick, steel, plain found., 112 Lincoln St. $210,000.

N. J., East Orange — APARTMENT — Freidman & Lipstein Inc., c/o Warren & Warren archts., 31 Clinton St., Newark, sketches 7 story, basement, brick, steel, plain found., 194 Park Ave. $350,000.

N. J., Englewood—APARTMENT—H. L. Miller, c/o C. Mettberg, archt., 79 West Palisade Blvd., Palisade Pk., sketches 4 story, basement, brick, steel, plain found. Garrett Pl. and Grand Ave. $150,000.

N. J., Glen Ridge—HOSPITAL—Mountainside Hospital, Highland Ave., Montclair, plans by York & Sawyer, 100 East 42nd St., New York, 4 story, basement, brick, steel, plain found. $400,000.

N. J., Hackensack—THEATRE—Stanley-Fabian Corp., 45 Church St., Paterson, rein.-con., brick, steel, plain found. theatre, $1,000,000.

N. J., Haddonfield — APARTMENT — Haddonfield Manor Corp., having revised plans prepared by Edwards & Green, Inc., 584 Federal St., Camden, 4 story, basement, brick, steel, plain found. Kings Highway and Linden Ave., $200,000.

N. J., Montclair — APARTMENT and STORE—A. and P. Realty Corp., 15 Market St., Newark, 6 story, basement, 104 x 154 ft., brick, steel, plain found. Church and South Park Sts., $250,000. Private plans.

N. J., Newark—WAREHOUSE—R. H. Macy & Co. Inc., Bway. and 34th St., New York, plans by R. Kohn, 56 West 45th St., New York, 320 x 350 ft., brick, steel, plain found. Frelinghuysen Ave. $200,000.

N. J., Nutley (br. Newark)—APARTMENT—Owner c/o A. P. Nucciarone, archt. 206 Central Ave., Newark, sketches 3 story, basement, 115 x 115 ft. brick, steel, plain found. $150,000.

N. J., Piscataway (mail New Brunswick)—TOWN HALL—Bd. Council Boro Hall, Raritan sketches by A. Merchant, 52 Patterson St., New Brunswick, 2 story basement, brick, steel, plain found. $150,000.

Pa., Phila. — DELIVERY STATION — Abbott Merkt & Co., archts., 5th Ave., New York, soon let contract 2 story, basement, 100 x 305 ft., rein.-con., brick, plain found., 9th and Poplar Sts., for Strawbridge & Clothiers Dept. Store, 8th and Market Sts.

O., Cleveland—HOSPITAL—Western Reserve University, Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, Mass., archts., soon let contract Lakeside Hospital. To exceed $150,000. Noted July 19.

O., Cleveland Heights (Warrensville P.O.)—APARTMENT—F. Melamed, 3595 East 120th St., Cleveland, plans by M. Weis, 1836 Euclid Ave., Cleveland, 3 story, basement, 66 x 134 ft., brick, 2680 Noble Rd., $150,000.

O., Elyria — HOTEL, THEATRE and STORE—J. Pekras, proprietor of Capitol Theatre, plans by R. H. Hinsdale, Erie Bldg., Cleveland, 8 story, 134 x 184 ft., brick, steel, concrete, Broad St. $1,000,000.

Ill., Chicago—APARTMENTS—Clatt & Molner, 2612 South Michigan Blvd., plans by J. Lewis, 64 West Randolph St., 3 story, basement, 125 x 125 ft., southwest corner 78th St. and Phillips Ave. in South Shore Park, $200,000 also 4 story, 50 x 151½ ft., brick, timber, 4540-4542 Greenwood Ave., $185,000.

Ill., Chicago — APARTMENT — O. G. Riedel, 3745 North Kedvale Ave., plans by E. A. Hitsche, 28 East Huron St., and soon take bids 3 story, basement, 98 x 250 ft., brick, stone, Kolmar Ave. $200,000.

Ill., Chicago—APARTMENT—Syndicate, c/o Ross & Browne, 80 East Jackson Blvd., sketches by R. S. DeGoyler & Co., 307 North Michigan Ave., 25 story, 65 x 95½ ft., 1242-44 Lake Shore Dr.

Ill., Chicago — APARTMENTS — Syndicate, c/o B. Steif & Co., archts., 307 North Michigan Ave., soon take bids (selected list bidders), 20 story, basement, irregular shaped, rein.-con., brick, wood pile found., 4940 East End Ave. $1,500,000.

Ill., Chicago—THEATRE—Syndicate, c/o A. L. Salzman Eng. Co., archts., 10 North Clark St., 3 story, known as Lombard Plaza, Division St. $900,000.

Ia., Dubuque — WAREHOUSE — Metz Mfg. Co., 17th and Elm Sts., plans by C. I. Krajewski, 730 Main St., 3 story, basement, brick addition, plain found. $60,000.

Ia., Keokuk—HOSPITAL—M. J. Geise, archt., State Central Bank Bldg., soon lets contract 2 story, asement, 41 x 70 ft. and 41 x 130 ft., brick, stone, steel, plain found., for Graham Protestant Hospital Assn. $150,000. Noted July 12.

Ia., Keokuk—HOSPITAL——St. Josephs Hospital soon lets contract 4 story, 50 x 75 x 120 ft., rein.-con., brick, hollow tile addition. H. B. Dox, 502 Lohmann Bldg., Peoria, archt.

Neb., Omaha — BANK — First National Bank, 16th and Farnam Sts., 4 story, basement, rein.-con., brick addition. $300,000.

Neb., Omaha—BUS DEPOT—Union Bus Depot Co., 231 City Natl. Bank Bldg., plans 2 story, basement, 100 x 180 ft. bus depot. $300,000.

Mo., Kansas City—HOME—Armour Memorial Home, c/o E. A. Forbes, supt., 2125 Tracy Ave., plans by Keene & Simpson, 1005 Land Bank Bldg., 2 story, basement, rein.-con., brick home for aged and orphans. $200,000.

Tex., El Paso—THEATRE—Dent Theatres, Inc., 209½ Jackson St., Dallas, plans by W. S. Dunne, Melba Bldg., Dallas, 4 story, 100 x 200 ft., brick, stone, steel, rein.-con., theatre and office building. $450,000. Noted Feb. 23.

Tex., Georgetown—HOTEL—Smith Hotel System, Box 425, plans by G. G. Becker, San Angelo, 3 story, 62 x 120 ft., brick, rein.-con., steel, plain found. $150,000.

Tex., San Antonio—APARTMENT—E. Dittmar & Associates, 505 Howard St., soon let contract concrete foundation, basement and 1st floor slab, 5 story, basement, steel, concrete found., Howard St. $50,000. Total $175,000. R. V. Stratten, c/o Travis Bldg., archts. Heff & Jones, Loan & Trust Co. Bldg., associate archts.

Okla., Altus—HOTEL—Abbott Hotel Co. plans by E. H. Eads & Co., 1st Natl. Bank Bldg., Chickasha, 4 story, basement, 75 x 140 ft., brick, rein.-con., plain found. $180,000.

Colo., Pueblo — BUSINESS — Weaver-Hurd Realty Co., c/o R. J. Weaver, 9th and Main Sts., 3 or 4 story brick, steel,

Constr. News page 103

Buildings—Commercial (Continued)

concrete, North Main St. between West 8th and 9th Sts. $200,000.

Wash., Seattle—APARTMENT—E. Morrison, archt., Lloyd Bldg., soon takes bids 11 story, basement, brick and terra cotta apartment, 1223 Spring St., for Arjo Investment Co., c/o architect. $600,000.

Wash., Seattle—HOTEL—T. H. Gowman, Gowman Hotel, sketches 20 story, basement, 450 room, rein.-con., steel addition, 5th and Stewart Sts. $1,000,000. Engineer and architect not selected.

Calif., Berkeley — HOTEL — Berkeley Hotel Corp., c/o W. H. Weeks, archt., Hunter-Dulin Bldg., San Francisco, 6 story, basement, concrete, addition, Durant St., $150,000.

Calif., Los Angeles—APARTMENT—W. Berkowitz, & Assoc., plans by Hiller & Sheet 328 Story Bldg., 4 story, basement, 100 x 142 ft., timber, McCadden Pl. and Leland Way. $175,000.

Calif., Los Angeles—APARTMENT—E. Ceriat, plans by F. Webster, 922 Guaranty Bldg., 5 story, basement, 123 x 137 ft., rein.-con., San Marino St. and Elden Rd., $200,000.

Calif., Los Angeles — APARTMENT — W. M. Haussler, 1914 South Figueroa St., plans by D. M. Ward, 1025 North Serrano Ave., 6 story, basement, rein.-con., steel, Lucas St., $200,000.

Calif., Los Angeles — APARTMENT HOTEL—W. Merchant, plans by F. Webster, 922 Guaranty Bldg., 6 story, 87 x 110 ft., rein.-con., incl. garage Highland Ave. and Arbol Ave., $250,000.

Calif., Monterey—STORE and OFFICE —M. Spazier, plans by H. J. Knauser, 1124 S. Western Ave., Los Angeles, 4 story, basement, 75 x 97 ft. Class "A," Main St., $150,000.

Calif., Santa Barbara—COURT HOUSE —Santa Barbara Co., plans fireproof court house (branch). To exceed $150,000.

Calif., Santa Rosa—MEMORIAL—Corporation being organized by State Senator F. S. Boggs, Stockton, plans fireproof memorial building, Burbank, $250,000. Engineer and architect not selected.

Que., Quebec City—THEATRE—N. L. Nathanson, theatre, St. John St. $1,000,000. Engineer and architect not selected.

Ont., Oshawa — FIRE HALL and POLICE BUILDING — City, rein.-con., brick, steel, plain found. $150,000. W. C. Smith, Municipal Offices, engr.

Ont., Toronto—FURNITURE STORE—J. Eaton Co. Ltd., Yonge and Queen Sts., plans by Sproat & Rolph, 1162 Bay St., and Ross & McDonald, 1 Belmont St., Montreal, Que., 7 story 2 basement, 206 x 246 ft., rein.-con., brick, steel, plain found., Yonge and College Sts. $2,500,000.

Ont., Toronto — LOFT—Three-O-Three Chemical Co., 27 Dundas St. E., plans by Kaplan & Sprachman, 305 Dundas St. W., rein.-con., brick, steel, plain found., Bathurst St. $200,000.

Ont., Toronto—OFFICE—Toronto Medical Arts Building, Lumsden Bldg., plans by Marani, Lawson & Paisley, 219 Bay St., 9 story, basement, rein.-con., brick, steel, plain found., Bloor St. W. $900,000.

Ont., Toronto—SHOW ROOM and SERVICE BUILDING—Lee & Duggan, 621 Yonge St., 2 or 3 story, 101 x 111 ft., rein.-con., brick, steel, plain found., Yonge and Gloucester Sts. $250,000. Engineer and architect not selected.

Bids Desired

Mass., Fall River — STORE, RESTAURANT and OFFICE — M Thong, c/o J. M. Darling, archt., North Main St., taking new bids 3 story, basement, brick, stone, plain found., North Main and Granite Sts. $150,000. Former contract rescinded. Noted May 3.

Mass., Framingham—BANK—Farmers & Mechanics Savings Bank, A. M. Fitts, pres., taking bids 1 and 2 story, basement, rein.-con., steel and stone, plain found., corner Park and Franklin Sts. $150,000. T. M. James, Co., 3 Park St., Boston, archt.

Mass., Lexington — MERCANTILE — Ruben & Seligman, 294 Washington St., Boston, taking bids 2 story, basement, brick, stone, plain found., on site Old Town Hall. $150,000. Eisenberg & Feer, 46 Cornhill, Boston, archts.

N. Y., Beacon—SUPERINTENDENT'S HOME, etc.—Sept. 14, by Commissioner Correction, Albany, superintendents residence, employees home, addition to Women's Group Matteawan State Hospital; adv. E. N.-R. Aug. 23.

N. Y., Brooklyn—APARTMENT—See "Contracts Awarded."

N. Y., Brooklyn—STORE and APARTMENT—See "Contracts Awarded."

N. Y., Jackson Heights (sta. Flushing)—APARTMENT—See "Contracts Awarded."

Constr. News page 104

N. Y., Kew Gardens—APARTMENT—See "Contracts Awarded."

N. Y., Long Island City—APARTMENT —See "Contracts Awarded."

N. Y., New York — APARTMENT — See "Contracts Awarded."

N. Y., New York—STORE and APARTMENT—See "Contracts Awarded."

N. Y., Syracuse—HOSPITAL—Aug. 27, by A. N. Fay, chn. Onondaga Co. Charities Com., 4 story, basement, 110 x 125 ft. hospital, at Onondaga Co. Home. $250,000. M. L. King, Denison Bldg., archt.

N. J., East Orange — APARTMENT — Kenmore Corp., 9 Clinton St., Newark, bids about Sept. 1, 4 story, basement, 90 x 100 ft., brick, steel, plain found. 17 South Grove St. Former bids rejected. $175,000. Noted May 31.

N. J., Newark — APARTMENT — See "Contract Awarded."

N. J., Newark — HOTEL — Cedarbrook Heights Development Corp., c/o S. Cohen, archt., 134 Branford Pl., bids about Oct. 1, 3 story, basement, 70 x 100 ft., brick, steel, plain found. Milford Ave. $150,000. Noted Aug. 2.

N. J., Rutherford—APARTMENT—P. F. Liva, 206 Stuyvesant Ave., Lyndhurst, bids about Oct. 1, 5 story, basement, 100 x 140 ft., brick, steel, plain found., Jackson and Union Ave. $300,000. Noted June 28.

Del., Wilmington—Aug. 28 by Brown & Whiteside, archts., Du Pont Bldg. 5 story, basement, 162 x 167 ft., brick, steel, plain found., Washington St., for Y.M.C.A., c/o archts. Noted Dec. 1.

N. C., Durham—OFFICE—Aug. 22, by R. E. Dillard, 10 story, 68 x 92 ft. steel, brick, concrete, medical office building, for Union Prof., Building Corp., $5000,00.

Ill., Chicago—APARTMENT—Syndicate, c/o K. T. White & Co., archts., 180 North Michigan Ave., 8 story, basement, 50 x 135 ft., rein.-con., brick, 6002 Winthrop Ave. $300,000.

Ill., Chicago—MERCHANDISE MART—Marshall Field & Co., Washington and State Sts., bids about Oct. 15, superstructure 24 story, 425 x 650 ft., Wells, Kinzie and Orleans Sts. Total $30,000,000. Graham, Anderson, Probst & White, 80 East Jackson Blvd., archts. Noted May 17.

Ill., Evanston — APARTMENT and STORE—A. Lanski, 134 North LaSalle St., Chicago, taking bids 4 story, 74 x 132 ft., brick, stone, 827 Foster St. $250,000. T. R. Bishop & Son, 35 South Dearborn St., Chicago, archts.

Wis., Milwaukee — APARTMENT—Aug. 27, by Holabird & Root, archts., 333 North Michigan Ave., Chicago, Ill., 11 story with tower, basement, 134 x 144 ft., brick, steel addition, plain found., East Wells St., for P. Cudahey Family Co., c/o architects.

Ia., Des Moines — THEATRE — A. H. Blank Theatres, Inc., c/o A. H. Blank, pres., 300 Commonwealth Bldg., sketches remodeling, enlarging 2 story, brick, steel, stone, terra cotta, from 1,759 to 2,800 seating capacity. $500,000. This corrects report in Aug. 2 issue.

Tex., Austin—HOTEL—Sept. 1, by Driskell Hotel Co., c/o C. M. Bartholomew, pres., 902 West Ave., 12 story, 80 x 106 ft., rein.-con., brick addition, East 7th and Brazos Sts. $325,000. Trost & Trost, Two Republics Bldg., El Paso, archts.

Tex., Fort Worth — DEPARTMENT STORE—Aug. 30, by W. C. Hedrick, Inc., archts., 1005 1st Natl. Bank Bldg., 5 story, basement, brick, stone, steel, rein.-con., Houston, 4th and Throckmorton Sts., for Tiller Estate. $750,000. Sanger Bros., c/o C. L. Jones, pres., 2001 Ashland St., lessee.

Ore., Portland—HOTEL—DeYoung & Roald, archts., Spalding Bldg., take bids about Oct. 9, 10 story, double basement, 100 x 100 ft., rein.-con., timber, solid rock found., 17th and Washington Sts. $500,000.

Calif., Berkeley—HOTEL—W. H. Weeks, archt., Hunter-Dulin Bldg., San Francisco, taking bids 6 story, basement, concrete, Durant St., for Berkeley Hotel Corp., c/o archt., $150,000.

Calif., Los Angeles—BANK and OFFICE —A. Curlett, archt., Union Bank Bldg., Los Angeles, taking bids 12 story, basement, rein.-con., Vine St. and Hollywood Blvd., for Hollywood Central Bldg., Corp., c/o archts. $400,000.

Calif., Sacramento — MARKET — Coffman, Sahlberg & Stafford, archts., Plaza Bldg., taking bids 1 story, 115 x 160 ft., rein.-con., Alhambra Blvd. $175,000. Noted July 19.

Calif., Sacramento—PUBLIC MARKET —Coffman, Sahlberg & Stafford, archts., Plaza Bldg., taking bids 1 and 2 story, 125 x 175 ft., rein.-con., steel, plain found., incl. ice and cold storage plant, Alhambra Blvd. and Granada Way. $200,000. Noted July 12.

Calif., San Luis Obispo—STATION—Sept. 5, by State Hy. Comn., Sacramento, galvanized iron, incl. trunk shed, pump house, oil house and shop buildings. C. H. Purcell, Forum Bldg., engr.

Calif., Whittier — HOSPITAL — State Dept. Pub. Wks., Sacramento, bids about Sept. 12, four 2 story, rein.-con., hospital, administration, buildings and 2 cottages, $200,000. G. B. McDougall, State Architect, Forum Bldg., Sacramento, archt.

Ont., Windsor—OFFICE—Aug. 28, by J. R. Sculland, archt., Exchange Bldg., 6 story, basement, rein.-con., brick, stone, plain found., Ouellette Ave. for Medical Arts Building, c/o architect. $200,000.

Contracts Awarded

Me., Portland—APARTMENT—Clough & Maxin Co., 477 Congress St., 4 story, basement, brick, plain found., 11-13 Shepley St., separate contracts. $150,000.

Me., Portland—THEATRE, STORE and OFFICE—Congress St. Corp., c/o H. W. Rhodes, archt., 574 Congress St., 6 story, basement, 185 x 215 ft., brick, steel, plain found., to Kerr & Houston, 415 Congress Ave. Est. exceeds $150,000. Noted July 19.

Mass., Brockton—COURT HOUSE—Plymouth Co., Comn., F. T. Bailey, Court House, altering and constructing 2 story, basement, brick addition, plain found., to C. A. Batson, 25 Arlington St. $160,425. Noted Aug. 23.

Mass., Fall River—BANK and OFFICE —Citizens Savings Bank, J. F. Swift, treas., South Main St., 3 story, basement, 55 x 85 ft., brick, steel, limestone, plain found., to C. H. Hodgate Co., 370 Bedford St. Est. $200,000. Noted July 26.

Mass., Fall River—STORE and OFFICE —G. N. Durfee & Sons, 344 Lincoln St., 3 story, basement, brick, plain found., to C. F. Grinnell & Co., Oliver St. Est. $200,000. Noted July 26.

Mass., Fall River—STORE and OFFICES —R. A. McWhirr, 169 S. Main St., 3 story, basement, brick, stone, plain found., Pleasant St., to C. H. Hodgate Co., 370 Bedford St. Est. $150,000. Noted Jan. 26.

Mass., Marlboro—BANK—Marlboro Savings Bank, G. F. Robinson, pres., 32 Mechanic St., altering and constructing 2 story, basement, brick, steel, rein.-con., stone addition, plain found. to T. P. Hurley, 196 Main St., est. $150,000. Noted Aug. 9.

Mass., Quincy (Ind. br. Boston)—STORE and OFFICE—Shepard & Stearns, archts., 65 Franklin St., Boston, 2 story and basement, 125 x 195 ft., brick, plain found. to W. A. and H. A. Root, 250 Stuart St., Boston, for H. M. Faxon, Cliveden Bldg. Est. $150,000. Noted Aug. 2.

N. Y., Brooklyn — APARTMENT — Beveridge Court, Inc., 371 Fulton St., 6 story apartment, East 29th St. and Glenwood Rd., separate contracts. $150,000. J. N. Linn, 371 Fulton St., archt. Noted Aug. 16.

N. Y., Brooklyn—APARTMENT—Carroll Park View Realty Corp., 611 Empire Blvd., apartment; President St. and Classon Ave., separate contracts. $700,000. Cohn Bros., 361 Stone Ave., archt.

N. Y., Brooklyn—APARTMENT—Fort Hamilton Realty Co., B. Fella, pres., 136 East 8th St., New York, 6 story, apartment, separate contracts. $250,000. MacManus & Griffiths, 11 East 42nd St., New York, archts. Noted Aug. 2.

N. Y., Brooklyn—APARTMENT—Madison Building Corp., H. Roberts, secy., 1170 Bway., New York, 6 story, 110 x 137 ft., brick, timber, Ft. Hamilton Ave. and 86th St., separate contracts. $350,000. Levy & Grillo, 373 Fulton St., archts. Noted Aug. 2.

N. Y., Brooklyn — APARTMENT — One Thousand One Hundred Twenty-Two Avenue N Corp., C. Happener, secy., 1122 Avenue N, apartment, Avenue N and East 12th St., separate contracts. $400,000. M. N. Weinstein, 93 Court St., archt.

N. Y., Brooklyn—APARTMENT—Philly Building Co., N. Joffe, secy., 4 story, 88 x 125 ft., brick, steel, 62nd St. and 11th Ave. Separate contracts. $400,000. P. L. Kieswetter, 16 Court St., archt., 858 Driggs Ave.

N. Y., Brooklyn—APARTMENT—Two Thousand Four Hundred Kings Highway Corp., 1770 East 15th St., apartment, Kings Highway and Mansfield Pl., separate contracts. $175,000. Seelig & Finkelstein, 66 Court St., archts.

N. Y., Brooklyn—APARTMENT—Wax Realty Co., N. Wax, pres., 417 Amity St., 4 story, 87 x 100 ft., 40th St. and 9th Ave., separate contracts. $150,000. J. J. Millman, 26 Court St., archt. Noted Aug. 2.

N. Y., Brooklyn—STORE and APARTMENT—M. K. and B. L. Realty Corp., L. Posner, secy., 611 Empire Bldg., 6 story, 192 x 203 ft., Kingston Ave. and Lefferts St., separate contracts. $650,000. Cahn Bros., 361 Stone St., archt.

N. Y., Brooklyn—STORE and APARTMENT—Community Pl. Corp., 105 Court St., 3 story, 20 x 86 ft. store and apartment, Ditmars Blvd. and West 19th St.,

Buildings—Commercial (Continued)

separate contracts. $240,000. M. Margolin, 105 Court St., archt.

N. Y., Corona (Ind. sta. Flushing)—BANK—Queens Co. Savings Bank, Flushing, 4 story, 50 x 100 ft., brick, steel, stone, to Robert Nash & Co., Bank Bldg., Flushing. Est. $300,000. Noted Aug. 2.

N. Y., Jackson Heights (sta. Flushing)—APARTMENT—Jackson Heights Apartment Co., 14 East 41st St., New York, 3 story, apartment, separate contracts. $150,000. H. G. Wells, 274 Madison Ave., archt. Noted Aug. 9.

N. Y., Kew Gardens—APARTMENT—M. Baher, Plaza Crescent Bldg., Long Island City, 6 story, 161 x 193 ft. apartments, separate contracts. $350,000. B. Braunstein, 163-18 Jamaica Ave., Jamaica, archt. Noted Aug. 9.

N. Y., Long Island City—APARTMENT—La Rosa & Sons, 9 Wyckoff Ave., 6 story, 88 x 158 ft., brick, Trautman and Cypress Aves., separate contracts. $275,000. H. J. Munch, 44 Court St., Brooklyn, archt.

N. Y., New York — APARTMENT — Bromwall Realty Co., Inc., 2034 Davidson Ave., apartment, Wallace and Bronxdale Aves., separate contracts. $175,000. G. W. Swiller, 4215 3rd Ave., archt.

N. Y., New York—APARTMENT—Caul Realty Corp., H. E. Murray, 25 West 43rd St., 15 story, 100 x 149 ft., brick, steel, 96 Central Park West, to Earl & Calhoun, 265 West 72nd St. Est. $1,600,000. Noted July 26.

N. Y., New York — APARTMENT — Ferbro Realty Co., Inc., J. Feraca, pres. apartment, Bryant and Lafayette Sts., separate contracts. $175,000. G. G. Miller, 1482 Bway., archt. Noted Aug. 2.

N. Y., New York—APARTMENT—Five Hundred Eighty-Nine Tinton Ave. Corp., S. Gordan, pres., 56 West 45th St., apartment, separate contracts. $200,000. Springsteen & Goldhammer, 40 East 49th St., archts. Noted Aug. 2.

N. Y., New York — APARTMENT — Galock Realty Corp., S. Gordon, pres., 56 West 45th St., 67 x 150 ft., brick, timber, McGraw and Stomow Sts., separate contracts. $200,000. Springsteen & Goldhammer, 40 East 49th St., archts. Noted Aug. 9.

N. Y., New York—APARTMENT—E. J. Nathan, 441 West End Ave., apartment, Bank St. and Greenwich Ave., separate contracts. $375,000. Gronenberg & Leuchtag, 1385 Bway., archts.

N. Y., New York—APARTMENT—Westland Impvt. Co., 33 West 42nd St., apartment, 413 West 24th St., separate contracts. $200,000. Springsteen & Goldhammer, 40 East 49th St., archts.

N. Y., New York — APARTMENT — J. Sager, 1440 Bway., 16 story apartment, 693 West End Ave., separate contracts. $1,000,000. J. M. Felson, 250 West 57th St., archt.

N. Y., New York—APARTMENT—Three Hundred Fifty Central Park West, I. Kraft, pres., 1560 Bway., 16 story, 108 x 201 ft., brick, steel, plain found., 341 Central Park West, separate contracts. $1,250,000. J. M. Felson, 250 West 57th St., archt. Noted Aug. 9.

N. Y., New York — APARTMENT — Townwald Realty Corp., 505 Tremont St., 6 story, 90 x 150 ft., separate contracts. $400,000. Glick & Duma, 400 Fordham Rd., archts. Noted Aug. 9.

N. Y., New York—BANK and OFFICE—American Exchange-Irving Trust Co., 60 Bway., 46 story, brick, steel, to Marc Eidlitz & Sons, 41 East 42nd St. Est. $5,000,000. Noted Aug. 16.

N. Y., New York—CLUB and OFFICE—Society of Tammany Order, 145 East 14th St., 79 x 158 ft. club and office, 44 Union Sq., to J. H. Brady, 430 East 70th St. Est. $350,000. Noted Apr. 26.

N. Y., New York—STORE and APARTMENT—B. M. House & Son, 17 West 96th St., 16 store, 301 East 38th St., separate contracts. $1,000,000. Ellis, Aaronson & Heidrich, 25 West 43rd St., archts.

N. J., East Orange—STORE and OFFICE—F. Bower, archt., 437 Main St., general contract 2 story, basement, 80 x 125 ft., brick, plain found., to R. Allen, Inc., 391 Mt. Pleasant Ave., Newark, for Kelpo Realty Co., 372 Main St. Est. $150,000. Noted July 26.

N. J., Hoboken—BANK—W. Newman, archt., 40 Journal Sq., Jersey City, general contract 2 story, basement, 45 x 80 ft., brick, steel, plain found., 4th and Grand Sts., to G. De Kimpe, 360 Broad Ave., Ridgefield for City Steneck Trust Co., 95 River St. Est. $150,000. Noted Aug. 9.

N. J., Morristown — HOTEL — H. J. Nurick, archt., 44 Court St., Brooklyn N. Y., general contract 3 story, basement, 70 x 140 ft., brick, steel, plain found. Mendham Rd. to Walker & Hodge, 1206 Bayport Pl., Far Rockaway, N. Y. Est. $150,000. Noted Aug. 2.

N. J., Newark—APARTMENT—Webster Impvt. Co., 24 Branford Pl., 5 story, basement, 85 x 145 ft., brick, steel, plain found. 769-79 Bway. separate contracts. $200,000.

N. J., Ridgefield — BANK — Ridgefield Natl. Bank Broad St., general contract 2 story, basement, brick, steel, plain found., Broad and Edgewater Aves., to Mahony-Troast Co., 38 Bloomfield Ave., Passaic. Est. $150,000. Noted Aug. 9.

Pa., Bloomsburg—HOSPITAL—Bloomsburg Hospital, J. S. John, pres., 214 West Main St., general contract 4 story, basement, 26 x 38 ft. and 44 x 180 ft. hospital addition, 3 story, basement, 33 x 57 ft. nurses home and 2 story, basement, 39 x 55 ft. boiler house, all rein.-con., brick, to Berwick Lumber Supply Co., Berwick. Noted Aug. 2.

Pa., Connellsville—THEATRE and OFFICE—K. M. Wallace, general contract, 2 story, basement, Main St., to Cavaliers, Madison and West Pittsburgh Sts., Greensberg. $200,000. Noted July 5.

Pa., McKeesport—THEATRE—J. Eberson, archt., 212 East Superior St., Chicago, Ill., general contract 2 and 3 story, basement, irregular shaped theatre, Market St. to Blair & Mack, 920 Market St., for Harris Amusement Co., Davis Theatre Bldg., Pittsburgh. Est. $750,000. Noted July 26.

Pa., Phila. — APARTMENT — G. H. Murphy, archt., 4432 Frankford Ave., 4 story, basement, 42 x 46 ft., and 56 x 115 ft., rein.-con., brick, steel, plain found., to F. A. Cavalieri, 1265 Cheltenham Ave., for L. Cantafio, c/o architect. Est. $200,000. Noted Aug. 2.

Pa., Pittsburgh — APARTMENT — Martinique Apartment Co., c/o contractor, general contract 4 story, basement, apartment, Baum Blvd. to Toupet Building Co., 5931 Howe St. Est. $250,000.

Pa., Sewickley—HOSPITAL—Sewickley Valley Hospital Assn., general contract 4 story, basement, Blackburn Rd. to Hutter Constr. Co., Fond du Lac, Wis. Est. $750,000. Noted June 21.

Ga., Atlanta—CITY HALL—H. C. Mccutcheon, chn., City Council, City Hall, general contract 15 story, basement, rein.-con., brick, steel, to National Constr. Co., Norris Bldg., $840,700. Noted July 12.

Ky., Louisville—GARAGE and DANCE HALL—E. T. Hutchings, archt., Heyburn Bldg., 3 and 4 story, 161 x 210 ft., brick, steel, stone, to Castlewood Realty Co., McDowell Bldg. $300,000, sub-contracted concrete work, to J. U. Schickli & Bros. $130,000, for H. Caperton, 419 West Jefferson St. Noted June 21.

O., Cleveland — MEDICAL ARTS and GARAGE — Cleveland Union Terminal Co., C. L. Bradley, pres., Terminal Tower Bldg., 18 story, basement, brick, steel, concrete, Public Sq., to Lundoff-Bicknell Co., B. F. Keith Bldg. Est. $5,000,000. Noted May 8.

Ill., Chicago—APARTMENT—Elm Street Co., 120 North La Salle St., masonry 7 story, 111 x 138 ft., brick apartment, Elm St. W., to H. Janisch, 1813 Winona St. Est. $250,000.

Ill., Chicago — APARTMENT — A. J. Thomas, archt., 111 West Washington St., general contract 4 and 5 story, basement, 263 x 938 ft., brick, to O. W. Rosenthal-Cornell Co., 228 North La Salle St., for Marshall Field Estate, 230 South Clark St. Est. $4,000,000. Noted May 24.

Ill., Chicago—APARTMENT HOTEL—Washington Plaza Building Corp., c/o Leichenko & Esser, archts., 38 South Dearborn St., 7 story, basement, 90 x 137 ft., rein.-con., brick, stone, to Lind Constr. Co., 6404 South State St. Est. $700,000. Noted May 24.

Ill., Chicago—APARTMENT HOTEL—A. Zinsok, 4662 Lake Park Ave., masonry 3 story, basement, 50 x 165 ft. apartment hotel, Kimbark Ave., to L. Rubin, 4958 North St. Louis Ave. Est. $160,000. Noted July 26.

Ill., Chicago—BANK, STORE and OFFICE—Belmont Sheffield Bldg. Corp., 1002 Belmont Ave., general contract 6 story, basement, 100 x 125 ft., Belmont and Sheffield Ave., to J. H. Johnson, 612 North Michigan Ave. Est. $600,000.

Ill., Chicago—COMMUNITY HOUSE—Roberts & Roberts, archts., 105 North Clark St., general contract 3 story, 100 x 200 ft., brick, stone, to E. L. Archibald, 111 West Washington St. Est. $150,000. Noted June 21.

Ill., Chicago — HOTEL — Drake Towers Building Corp., c/o Drake Hotel, general contract 30 story, basement, 110 x 217 ft. addition to Drake Hotel, to B. H. Marshall Constr. Co., 200 East Walton Pl. Est. $2,000,000. Noted Jan. 19.

Ill., Chicago—MERCHANDISE MART—Marshall Field & Co., Washington and State Sts., $38,000 tons steel for 24 story, 425 x 650 ft. merchandise mart, to Bethlehem Steel Corp., 301 East 3rd St., Bethlehem, Pa., $2,500,000; 450 caissons each 110 ft. deep, to John Griffiths & Sons Co., 228 North La Salle St. Noted May 17.

Ill., Chicago—STORE and APARTMENT—P. F. Reynolds, 38 South Dearborn St., 18 story, basement, 126 x 160 ft., 2349-65 North Clark St., masonry and concrete, to Adolph Lindstrom Co., 77 West Washington St. McNally & Quinn, 10 South La Salle St., archts.

Ill., Chicago—THEATRE and STORE—J. Masholinas, c/o M. O. Nathan, archt., 123 West Madison St., masonry and carpentry contract 2 story, 130 x 150 ft., brick, 3508-16 South Halsted St., to Zemon Constr. Co., 11 South La Salle St. Est. $300,000.

Ill., Chicago — STORE and OFFICE — Syndicate, c/o K. M. Vitzthum & Co., archts., 307 North Michigan Ave., general contract 47 story, basement, to John Griffiths & Son Co., 228 North LaSalle St. Est. $8,000,000.

Ill., Evanston — APARTMENT and STORE—Thielber & Fugard, archts., 219 East Superior St., Chicago, 4 story, basement, 103 x 116 ft., brick, steel, to Borg & Johnson, 2452 Irving Park Blvd., Chicago, for R. R. McKinnie. Noted July 19.

Ia., Marshalltown — HOTEL — Eppleys Hotel Co., Hotel Fontanelle, Omaha, Neb., Hotel Tallcom, 8 story, basement, pressed brick, to H. L. Stevens Co., 30 North Michigan Blvd., Chicago, Ill., $350,000.

Minn., Minneapolis — APARTMENT — A. A. Hanson, 208 Plymouth Bldg. general contract 4 story, basement, rein.-con., brick, bedford and rubble stone apartment, 13th St. and Yale Pl., to Madsen Constr. Co., 618 Natl. Bldg. Est. $400,000. Noted June 14.

Neb., Omaha—APARTMENT—J. and S. Wolf, 1421 Douglas St., 3 story, basement, 130 x 166 ft., rein.-con., brick apartment, to A. Beck, 401 Keeline Bldg. Est. $250,000. Noted July 7.

Mont., Great Falls—STORE—Paris Dry Goods Co., F. A. Figman, pres., general contract 4 story, basement, 100 x 150 ft., rein.-con., brick, terra cotta, 4th St., to Lease & Leigland, Great Falls $239,837; plumbing and heating, to Pinski Bros., Great Falls $44 450; electric wiring, to Cascade Electric Co., Great Falls $23,000. Grand total $307,287. Noted Aug. 2.

Mo., St. Louis—OFFICE—Plaza Realty Co., W. J. Holbrook, pres., 1010 Olive St., general contract 12 story, basement, 39 x 50 x 293 ft., rein.-con., brick, terra cotta, Olive St., to Boaz-Kiel Constr. Co., 1207 Ambassador Bldg. Est. $1,500,000.

Calif., Huntington Park—STORE and OFFICE—Wilson & Willard, 3 story, 105 x 150 ft., rein.-con., addition, Pacific and Slauson Ave., to R. Brownell, 200 West Slauson Ave., $200,000. Noted June 21.

Calif., Los Angeles—APARTMENT—W. M. Haussler, 1914 South Figueroa St., 6 story, 50 x 100 ft., rein.-con., stone, Ingram and Lucas Sts., by own forces. $250,000.

Calif., Los Angeles—HOSPITAL—Los Angeles Co., rein.-con. hospital, to Simpson Co., 701 Antonio St., Los Angeles, $238,900. Noted June 14.

Calif., Sacramento—HOTEL—H. Goldstein, 7 story, basement, 125 rooms Class "A" 12th St., to G. E. Harvie, 2212 T St., Sacramento, $150,000.

Calif., Santa Monica — APARTMENT — A. C. Winnor, 310 Library Exch., Minneapolis, Minn., 4 story, basement, 95 x 140 ft., timber, California and 45th Sts., to Chute Finance & Constr. Co., 105 East Palmer St., Glendale, $200,000.

Calif., Santa Monica — APARTMENT — Owner c/o L. Weiner, archt., 316 Spring St., Los Angeles, 4 story, basement, brick, 4th St., to S. Klitnik, 5466 West 9th St., Los Angeles. Est. $150,000.

N. S., Halifax—STATION and HOTEL—G. S. Archibald, archt., 1134 Beaver Hall, Hill, Moontreal, Que., new station and hotel to Foundation Jupiter Co., Ltd., Halifax, for Canadian Natl. R.R. Noted July 19.

Ont., Windsor—APARTMENT—I. Goldstein, 842 Dufferin Pl., 3 story, basement, 50 x 164 ft., rein.-con., brick, steel, stone, plain found., Ouellette Ave., owner builds. $150,000.

Ont., Windsor — OFFICE — Securities Development Co., Security Bldg., 12 story, basement, 60 x 105 ft., brick, steel, stone, London St. W., to S. E. Dinsmore Co., Security Bldg. Est. $750,000.

Constr. News page 105

Buildings—Industrial

Proposed Work

Vt., Dorset — PLANT — Manchester Marble Co., P. R. Eaton, mgr., plans rebuilding marble plant. $40,000 or more. Engineer and architect not selected.

Mass., Bridgewater — FOUNDRY — Henry Perkins Co., Bridgewater, 1 story, brick addition, plain found., Broad St. Engineer and architect not selected.

Mass., Brockton—REPAIR SHOP—Eastern Massachusetts Railway Co., 38 Chauncey St., Boston, soon lets contract altering 1 story, brick, steel plain found., South Main St. $40,000. Private plans.

Mass., Cambridge (br. Boston)—MANUFACTURING—Crandall Eng. Co., c/o R. T. Jackson, archt., 44 School St., Boston, taking bids 2 story, brick, plain found., Kendall Sq. $40,000.

Mass., Lynn—FACTORY—Bender Shoe Co., M. F. Costigan, 95 State St., revised plans by Sanborn & Weed, Item Bldg., altering 1 and 2 story, brick and timber, incl. heating plant, State St. $40,000 or more.

Mass., Lynn—NEWSPAPER PLANT—North Shore News Co., 52 Exchange St., revised plans by Sanborn & Weed, Item Bldg., 2 story, 65 x 105 ft., brick addition, plain found. $40,000. Former bids rejected. Noted Aug. 2.

Mass., Natick — SERVICE GARAGE, SALESROOM, and REPAIR SHOP—F. Kirby, Summer St., plans by E. F. Albridge, 761 Dudley St., Dorchester, 1 story, 70 x 110 ft., rein.-con., brick, steel, plain found., Summer St. $50,000.

R. I., Cranston (mail Providence) — FACTORY — Kesterman Bros., 150 Chestnut St., Providence, jewelry factory, Gladstone St. $40,000 or more. Engineer and architect not selected.

N. Y., New York—SERVICE GARAGE—H. Perlman, 151 West 42nd St. plans by Siegel & Cohn, 45 West 57th St., 91 x 125 ft., brick, concrete Pugsley and Weslock Aves. $50,000.

N. Y., New York—SERVICE GARAGE—J. Reitano, Jr., 827 East 222nd St., plans by F. J. Ross, 4200 White Plains Ave., 100 x 100 ft., brick and concrete, Lafayette Ave. and Whittier St. $60,000.

N. Y., New York — SERVICE GARAGE and STORES — Weprin & Glass Building Corp., 145 West 27th St. plans by C. N. Whinston, 2 Columbus Circle, 2 story, 68 x 168 ft., brick, concrete, Cedar and 179th St. $75,000.

N. J., Bergenfield—BAKERY—Foerster Bakers Inc., 207 North Washington Ave., rejected bids 3 story, basement, 100 x 270 ft., brick, steel, plain found. South Washington St. and Rutland Ave. $150,000. McCormack Co. Inc., 41 Park Row, New York, archt. Noted Apr. 26.

N. J., Newark—IRON WORK PLANT—Pioneer Iron Works Inc., L. J. Siegler, pres., 317 Frelinghuysen Ave., brick, steel, plain found. 317-21 Frelinghuysen Ave. $45,000.

N. J., Orange—FACTORY—Mead-Suydam Co., 400 Sheridan St., sketches by A. P. Nucciarone, 206 Central Ave., 1 story, basement, brick, steel, plain found., Sheridan St., $40,000.

N. J., Orange—MILK DISTRIBUTION PLANT—Newark Milk & Cream Co., c/o W. E. Lehman, archt., 972 Broad St., Newark, soon lets contract 1 story, 50 x 400 ft., brick, steel, plain found. Main St. $75,000.

Ala., Mobile—PAPER PLANT—International Paper Co., c/o J. H. Allen, Cawthon Hotel, engr., plans paper mill plant near Chickasaw Creek. $5,000,000.

Ky., Paducah—POWER PLANT—City election Nov. 7, power plant. $800,000. Burns & McDonnell Eng. Co., 402 Interstate Bldg., Kansas City, Mo., engrs.

O., Chillicothe—FACTORY—A. Kysel, Buckeye Tile Co., soon takes bids 1 story, 104 x 200 ft. brick, factory, $40,000.

O., Cleveland—ENGINE HOUSE—New York, Chicago & St. Louis R.R. Co., A. C. Harvey, ch. engr., Terminal Tower Bldg., plans by G. Herr, c/o owner, 1 story, brick, steel, addition, East 152nd St. $25,000.

Ill., Chicago—FACTORY—Western Packing & Provision Co., F. Warton, pres., 3830 South Morgan St., plans by B. K. Gibson, 624 South Michigan Ave., 4 story, 99 x 140 ft., brick, 3830 South Morgan St. $180,000.

Wis., Madison—FACTORY—Law, Law & Potter, archts., 1 South Pickney St., soon lets contract 3 story, basement, 60 x 150 ft., brick, steel, rein.-con., plain found., for Mautz Paint & Glass Co., 116 North Murray St. $80,000.

Constr. News page 106

Wis., Madison—FACTORY—Mautz Paint & Glass Co., 116 North Murray St., plans by Law, Law & Potter, 1 South Pickney St., 3 story, basement, 60 x 150 ft., brick, steel, rein.-con., stone, wood pile found. $80,000.

Minn., Duluth — WAREHOUSE—Minnesota Power & Light Co., 402 Power Bldg., plans 2 story, basement, 80 x 125 ft., brick, stone, steel warehouse. $150,000. Private plans.

Mo., Koch — POWER PLANT — Bd. P. Serv., City Hall, St. Louis, rein.-con., brick addition to power plant at Robert Koch Hospital, incl. 500 hp. boiler, stoker breechings, pipe, etc., for City of St. Louis. L. R. Bowen, City Hall, engr.

Tex., Lockhart—COTTON COMPRESS—Mohie Gin Co., plans brick and concrete compress $60,000 incl. equipment. Private plans.

Tex., San Benito—PACKING PLANT—Texas Citrus Fruit Growers Exch. c/o J. Shary, pres., Mission, plans by H. H. Ewing, Mission, and soon takes bids 3 story, brick, rein.-con., plant. $100,000.

Calif., Los Angeles—CANNING PLANT—California Sanitary Canning Plant, plans by H. N. Andrews, 432 Florencita Ave., Montrose, 2 story, 165 x 400 ft. canning plant, 1 story, 165 x 190 ft., warehouse, bricks, Long Beach Ave. and 5th St. $100,000 or more.

Calif., Vernon — PACKING PLANT — Swift & Co., 916 East 1st St., Los Angeles, 2 story and part 4 story, 114 x 212 ft., rein.-con., steel, Vernon and 39th Sts., $40,000 or more. Private plans.

Ont., Hamilton — FACTORY — Firth Bros. Ltd., 144 James St. N., soon take bids 4 story, basement, 85 x 150 ft., rein.-con., brick, steel, James St. N. $150,000. W. B. Riddell, Sun Life Bldg., archt.

Ont., Hawkesbury — SAW MILL — Hawkesbury Lumber Co., Ltd. saw mill. $125,000.

Ont., Hilton Beach — GRAVEL HANDLING PLANT — See "Unclassified."

Ont., Mount Denis — FACTORY — First Brook Bros., 283 King St. E., Toronto, plans by Chapman & Oxley, Northern Ontario Bldg., Toronto, 1 and 2 story, 45,000 sq.ft. rein.-con., brick, steel, plain found. $250,000. Noted July 5.

Ont., Niagara Falls — FILTRATION PLANT and POWER HOUSE—Niagara Falls Water Comn., plans rein.-con., steel, stone filtration plant and power house, $500,000. F. B. Dallyn, 71 King St. W., Toronto, engrs.

Ont., Toronto—FACTORY—Smith Bros., 188 Duke St., rein.-con., brick, steel, plain found., Logan Ave. $150,000. Engineer and architect not selected.

Bids Desired

Mass., Cambridge (br. Boston)—MANUFACTURING and STORAGE—Crane Co., 799 Boylston St., Boston, will not construct 5 story, 90 x 475 ft., brick, rein.-con., Vassar St. Project abandoned.

Mass., Natick — SERVICE GARAGE, SALES, and REPAIR SHOP — F. Kirby, Summer St., taking bids 1 story, 70 x 110 ft., brick, steel, rein.-con., plain found., Summer St. $50,000. E. F. Albridge, 761 Dudley St., Dorchester, archt.

Mass., Salem—BOILER HOUSE—Park Leather Co., 55 Grove St., taking bids 1 story, rein.-con. boiler house, plant addition, plain found. W. H. Hunt & Son, 208 Essex St., archts.

Mass., Worcester — LAUNDRY — Hovey Laundry Co., 41 Austin St., taking bids 4 story, basement, 60 x 80 ft., brick, steel, terra cotta, addition, plain found., Austin St. $50,000. A. J. Smith, 58 Front St., archt. Noted July 26.

Conn., Bristol—FACTORY—E. Ingram Co., 392 North Main St., taking bids 5 story, 50 x 162 ft., brick, timber unit, North Main St., $100,000. M. J. Unkelbach, 52 Main St., New Britain, archt. Noted Aug. 16.

Conn., Hartford — FOUNDRY — M. S. Little Mfg. Co., 151 New Park Ave., taking bids 1 story, 50 x 120 ft., brick, concrete and steel addition. $40,000. W. W. Dolliver, 136 Kent St., archt.

N. Y., Auburn—SHOP—Sept. 6, by Commissioner Dpt. Correction, 11 North Pearl St., Albany, shop building at Auburn Prison; adv. E. N.-R. Aug. 23. Noted July 12.

N. Y., Brooklyn—SERVICE GARAGE—See "Contracts Awarded."

N. Y., Long Island City — SERVICE GARAGE—See "Contracts Awarded."

N. Y., New York—MANUFACTURING and LOFT—Harley Realty Corp., I. Chaitin, pres., 121 West 27th St., taking bids 4 story, 58 x 64 ft., 201 West 29th St. $100,000. Sugarman & Berger, 345 Madison Ave., archts. Noted Aug. 2.

N. Y., New York—GARAGE—See "Contracts Awarded."

N. Y., New York—SERVICE GARAGE—See "Contracts Awarded."

N. Y., New York—SERVICE GARAGE—Richback Realty Corp., 534 East 72nd St., bids in September, 4 story, 94 x 100 ft., brick, concrete, 407 East 61st St. $75,000. W. Shary, 41 Union Sq., archt. Noted Aug. 16.

O., Portsmouth—FACTORY—Selby Shoe Co., bids about Sept. 9, 5 story, basement, factory, 7th St., $300,000.

Wis., Milwaukee—FACTORY—See "Contracts Awarded."

Mo., Kansas City—BOTTLING PLANT—See "Contracts Awarded."

Mo., St. Louis — SODA BOTTLING PLANT — See "Contracts Awarded."

Calif., Los Angeles—PRINTING PLANT—Taylor & Taylor, archts., 810 West 6th St., taking bids 1 story, 30 x 100 ft. addition to present plant with 2 story annex 42 x 134 ft., concrete Winston St. for Wolfer Printing Co., Winston and Wall Sts.

Calif., Sacramento—MILLING—Capital Rice Milling Co., bids about Sept. 1, rebuilding 4 story, rein.-con., levee, recently destroyed by fire. $200,000.

Ont., Hamilton—FACTORY—Aug. 24 by J. M. Moore & Co., archts., 489 Richmond St., London, 2 story, basement, 100 x 126 ft., brick, steel, King St., for Natl. Hosiery Mills, Ltd. $75,000.

Contracts Awarded

Me., Burnham—POWER PLANT—Central Maine Power Co., Green St., Augusta, power plant to Ambursen Constr. Co., Grand Central Terminal Bldg., New York. Est. $90,000. Total est. $300,000.

N. H., Claremont—SERVICE and REPAIR GARAGE — Howe's Garage, 57 Pleasant St., 1 story, 100 x 125 ft., brick, steel, plain found., Pleasant St., to W. Fletcher, Brookside Ave. Est. $50,000.

Mass., Boston—LIGHT MANUFACTURING—J. Stanetsky, 61 Washington St., altering and constructing 5 story, brick addition, plain found., to J. Cavanaugh, 46 Cornhill St. $40,000.

Mass., Cambridge (br. Boston)—MANUFACTURING and STORAGE—Cambridge Salvage & Supply Co., 91 Bway., 2 story, basement, 80 x 95 ft., brick, plain found., to M. Slotnick, 333 Washington St., Boston. Est. $70,000. Noted June 14.

Mass., Charlestown (sta. Boston)—MILK PLANT—H. P. Hood & Sons, 494 Rutherford Ave., 3 story, 175 x 285 ft., brick, rein.-con., plain found., to Turner Constr. Co., 178 Tremont St., Boston. Est. $300,000. Noted Aug. 2.

Mass., Hyde Park (Ind. sta. Boston)—MANUFACTURING and STORAGE — Tileston & Hollingsworth, 213 Congress St., Boston, 1 story, 105 x 110 ft., brick, steel, timber, plain found., River St. to M. C. Tuttle Co., Park Sq. Bldg. Est. $65,000.

Mass., Lynn—SHOP—Lynn Ornamental Iron Wks., 966 Broad St., 1 story, brick, rein.-con., plain found., Broad St., to L. Chilles, 22 Murray St.

Mass., New Bedford—MILL—New Bedford Rayon Co., Manoment Mills Plant, altering and reconstructing 4 story, basement, brick, timber, plain found., Belleville Ave. to Loche & Thomas, Olympia Bldg. Est. $40,000.

Mass., North Attleboro — FACTORY — Jewelers Co-operative Refining Co., Chestnut St., 1 story, rein.-con., steel, brick, plain found., Chestnut St., to J. Munroe, Jr., 56 High St. Est. $40,000.

Mass., Quincy — FACTORY — L. Grossman, 130 Granite St., 2 story, brick, plain found., factory, Granite St., separate contracts. $40,000. Noted Aug. 9.

Mass., South Boston (Sta. Boston)—FACTORY—Terkelsen Machine Co., 326 A St., altering and constructing 2 story, brick, timber addition, plain found., to Scully Co., 258 Main St., Cambridge. Noted Aug. 16.

Mass., South Walpole — PLANT — Bird Machine Co., 1 story, brick, addition plain found., to W. Smith, Norwood.

Mass., Watertown (Ind. br. Boston) — SERVICE GARAGE, SALESROOM and REPAIR SHOP—Watertown Electric Co., 7 Main St., 2 story, 90 x 100 ft., rein.-con., brick, steel, plain found., to Frankini Bros., 30 Mystic Ave., Medford. Est. $50,000. Noted May 17.

R. I., Providence — PRODUCE TERMINAL — Produce Wholesale Food Terminal c/o Jenks & Ballou, archts., 1035 Grosvenor Bldg., 2 story, basement, 60 x 965 ft., rein.-con., brick, steel, plain founds., produce terminal, incl. warehouse, cold storage, garage, administration power plant, refrigeration plant and service buildings to Turner Constr. Co., 178 Tremont St., Boston, Mass. Est. $3,000,000. Noted July 26.

Conn., Danbury — FACTORY — Danbury Industrial Corp., J. E. Pike, Danbury, 1 story, 65 x 200 ft., brick, steel Shelter Rock

Buildings—Industrial (Continued)

Road, to T. J. Pardy Constr. Co., 1481 Seaview Ave., Bridgeport. $55,000.

Conn., Hartford — BAKERY — Federal Baeeries, Inc., 218 Brady St., Davenport, Ia., brick, baking plant to Wise & Upson, 7 Forest St. Est. $40,000. Noted Aug. 16.

Conn., Norwich — PLANT — American Thermos Bottle Co., Laurel Hill Ave., 40,000 sq.ft., brick factory unit, Laurel Hill Ave., to A. Torrance, Prospect St., $81,740.

N. Y., Brooklyn—SERVICE GARAGE—Hoff Impvt. Co., 44 Court St., S. Cohn, pres., service garage, Boardwalk and Neptune Ave., separate contracts. $40,000. E. A. Glassman, 44 Court St., archt.

N. Y., Long Island City — SERVICE GARAGE—Stores Building, Inc., 463 7th Ave., New York, service garage, 38th St. and 43rd Ave., separate contracts. $180,000. Shampan & Shampan, 188 Montague St., Brooklyn, archts.

N. Y., New York — GARAGE and ANIMAL HOUSE — Rockefeller Institute, for Medical Research, 66th St. and Avenue A, 4 story, 40 x 84 ft., to Marc Eidlitz, 41 East 42nd St. Est. $250,000. Noted Aug. 16.

N. Y., New York—SERVICE GARAGE—Honora Building Corp., 1 Union Sq., service garage, White Plains and Waring Aves., separate contracts. $60,000. F. Wolfgang, 535 Tremont Ave., archt. Noted Aug. 9.

N. Y., New York—GARAGE—L. Held & Son, 810 East 168th St., 1 story, 57 x 203 ft. service garage, separate contracts. $40,000. H. Ginsberg, 222 East 42nd St., archt. Noted Aug. 9.

N. J., Beachhaven—ELECTRIC PLANT—Bd. Boro Council, Boro Hall, general contract rebuilding 1 story, basement, 42 x 50 ft., brick, steel, plain found. to B. L. Crammern, Beachhaven. Est. $40,000. Noted Aug. 9.

N. J., Camden—MANUFACTURING—Lackey & Hettle, archts., 5 Hudson Ave., 3 story, 52 x 120 ft. and 50 x 120 ft., brick, plain found. Mickle St., to H. J. Honan, 18th and Cherry Sts., Phila. for C. Cook Co., 211 South 2nd St. Est. $80,000. Noted Aug. 2.

N. J., Paterson—DYE and PRINTING PLANT—International Dye & Print Works, 1st Ave., general contract 1 story, basement, brick, steel, plain found. 61-69 1st Ave., to P. La Cava, Kenneth Ave., Fairlawn. Est. $40,000.

Va., Covington—FACTORY and POWER PLANT—Industrial Fibre Co., H. Rivitz, pres., West 98th St. and Walford Ave., Cleveland, O., 1 story, 330 x 831 ft., brick, steel to Fiske-Carter Constr. Co., Worcester, Mass., and Greenville, S. C. Est. $1,000,000.

Ga., Rome—MILL—American Chatillon Corp., 393 7th Ave., New York, 2 story, basement, rein.-con. and steel rayon mill to Hughes Foulkrod Co., Shaff Bldg., Phila., Pa. Noted May 17.

O., Cleveland — POWER HOUSE — Dpt. Welfare, 9th and Oak Sts., Columbus, J. E. Harper, dir., general contract 40 x 60 ft., 35 ft. high power house, Hawthornden Farm, to J. G. Woide, 1659 East 86th St., $29,800. Noted June 21.

Ill., Chicago—GASKET PLANT—Victor Mfg. & Gasket Co., 5750 West Roosevelt Rd., 4 story, 100 x 160 ft., rein.-con., brick top addition, Fillmore and Menard Aves., to Frank D. Chase, Inc., 720 North Michigan Ave. $150,000.

Ill., Chicago—FACTORY—O. D. Jennings & Co., 4329 Lake St., carpentry contract brick addition, 4309-39 Lake St., to J. C. Eshelman, 35 North Dearborn St. Est. $125,000.

Ill., Chicago—FACTORY—Cameron Can Mchy. Co., 240 North Ashland Ave., masonry and carpentry contract remodeling and constructing 1 story, 98 x 216 ft. brick addition, 228-48 North Ashland Ave., to J. A. Moraw & Owens Co., 144 West 47th St. Est. $100,000.

Ill., Chicago — FOUNDRY — American Forge Co., 2621 South Hoyne Ave., masonry contract 1 story, 80 x 140 ft., brick, 2617-25 South Hoyne Ave., to C. B. Johnson & Son, 306 South Wabash Ave. Est. $50,000.

Ill., Chicago — PIE FACTORY — Bellar Bros., 3659 West Harrison St., general contract 2 story, 200 x 250 ft., rein.-con., terra cotta, 26th St. and California Ave., to W. Adams Co., 209 South La Salle St. Est. $600,000.

Ill., Chicago — PRINTING PLANT — A. S. Alschuler, Inc., 28 East Jackson Blvd., general contract 10 story, basement, 127 x 150 ft., rein.-con., brick addition, to G. L. Arquette & Co., 180 North Michigan Ave., for J. T. Igoe, Van Buren and Jefferson Sts. Est. $1,200,000. Noted July 5.

Ill., Chicago—SHOP—International Harvester Co., 606 South Michigan Ave., masonry contract 1 story, 180 x 510 ft., brick, 2600 West 31st St., to W. McRae, 606 South Michigan Ave. Est. $170,000.

Ill., Chicago — TRANSFORMER—Interstate Iron & Steel Co., 104 South Michigan Ave., masonry contract 3 story, 50 x 83 ft., brick, 11800-58 Burley Ave., to Kritzer Constr. Co., 515 West 35th St. Est. $80,000.

Wis., Milwaukee — FACTORY — Globe Steel Tubes Co., Burnham St., 1 story, 200 x 300 ft., brick, steel addition, plain found., Burnham St., own forces. Private plans.

Ia., Davenport — PACKING PLANT — Kohrs Packing Co., 1343 West 2nd St., 2 story, brick addition, to Priester Constr. Co., Kahl Bldg., $61,600.

Ia., Des Moines—CASKET FACTORY—Des Moines Gasket Co., 405 Southwest 8th St., 1 story, 100 x 134 ft., rein.-con., brick, Indiana and Maine Sts., to Garmer & Stiles, 519 14th St. Est. $40,000.

Minn., Duluth—STORAGE and REPAIR SHOP—Minnesota Power & Light Co., 30 West Superior St., 75 x 110 ft., rein.-con., brick, plain found., Garfield Ave., to Pfeffer Constr. Co. Builders Exch. Bldg. $80,000.

Mo., Kansas City—BOTTLING PLANT—Eagle Bottling Wks., 1912 Walnut St., altering brick and steel plant, 19th and Cherry Sts., day labor. $100,000. S. C. Kenney, 715 Lloyd Bldg., archt.

Mo., Marshall — CONDENSARY — Page Milk Co., Merrill, Wis., 2 story, basement, 80 x 200 ft., rein.-con., brick condensary to P. E. Page, Marshall. Est. $250,000. Noted June 21.

Mo., St. Louis — SODA BOTTLING PLANT — Hygrade Water & Soda Co., 1314 South 13th St., 1 and 2 story, basement, 80 x 149 ft., brick, rein.-con. found., 657 Tower St. and Grove Ave., separate contracts. $40,000.

Tex., Amarillo — HELIUM PLANT — Bureau Mines, Wash., D. C., helium plant near here to J. T. Taylor, 707 1st Natl. Bank Bldg., Ft. Worth, $500,000.

Wash., Seattle—DAIRY PLANT—Western Dairy Products Co., 1533 4th Ave. S., 1 story, (ultimately 2 story) basement, 120 x 150 ft., addition to Teufel & Carlson, Skinner Bldg. $80,000.

Calif., Petaluma — CREAMERY — Petaluma Co-Operative Creamery, 2 story, rein.-con. creamery, Western Ave., to W. Singleton, 501 4th St., $40,000.

N. B., Dalhousie—PAPER MILL—International Paper Co., 100 East 42nd St., New York, paper mill, to Domill Constr. Co., Montreal, Que. Est. $3,000,000. Noted May 24 under New Brunswick.

Buildings—Educational, Religious

Proposed Work

Mass., Everett (br. Boston)—SCHOOLS—City, W. L. Howe, chn. school Comn., City Hall, sketches by McLaughlin & Burr, 88 Tremont St., Boston, altering and constructing 2 story, basement, 14 room addition, Nichols St. $150,000. Noted Aug. 9.

Mass., Roxbury (sta. Boston)—NURSES HOME—Massachusetts Women's Hospital, 53 Parker Hill Ave., plans by Andrew, Jones, Biscoe & Whitmore, 50 Congress St., Boston, 3 story, basement, brick, plain found., Parker Hill Ave. $150,000.

Mass., Somerset—CHURCH—St. John of God Roman Catholic Church, F. Furtado, pastor, c/o St. Michaels Rectory, 131 Stewart St., Fall River, soon takes bids 1 story, basement, brick, stone, plain found., near Reads Corner, South Somerset. $150,000 or more. H. Fallows, 131 Stewart St., Fall River, archt.

Mass., Worcester — CHURCH — Tatnuck Congregational Church, c/o J. T. Carter, pastor, plans church, Pleasant and Willard Sts. $150,000.

Mass., Worcester — CHURCH — Tatnuck Congregational Church, T. Carter, pastor, sketches by Peare & Dorman, 6 Beacon St., Boston, church, Pleasant St. and Willard Ave. $150,000.

R. I., East Providence (br. Providence)—HIGH SCHOOL—Town, plans 2 story, basement, brick, junior high school Riverside Section. $150,000 or more. Engineer and architect not selected.

Conn., Danbury — SCHOOL — Wooster School, A. C. Coburn, pastor, plans by J. M. Howells, 154 East 46th St., New York, N. Y., Sunderland & Watson, associated archts., 248 Main St., altering and constructing addition, Ridgebury Rd. $150,000.

Conn., Middletown—NURSES HOME—Middlesex Hospital, A. L. Bengston, 28 Crescent St., revised plans by Davis & Waldorff, 17 Whitney Ave., New Haven, 4 story, basement, 40 x 100 ft., brick, terra cotta steel nurses home, Crescent St. $150,000. Noted July 19.

N. Y., Hempstead—SCHOOL—Bd. Educ., Union Free School Dist., soon lets contract 3 story, basement, brick, steel, plain found., Bennet Ave. and Jackson Sts. $150,000. E. Sibley, Bluff Rd., Palisade, N. J., archt. Noted June 21.

N. Y., Monroe — SCHOOL — Bd. Educ., Town Hall, soon lets contract 3 story, basement, brick, steel, plain found. $150,000. F. W. Wentworth, 140 Market St., Paterson, N. J., archt. Noted Aug. 2.

N. Y., New York—SCHOOL—Church of Holy Family, 1071 Castle Hill Ave., bids latter part of September, 4 story, brick, Blackrock and Castle Hill Aves. $350,000. M. Hausle, 3307 3rd Ave., archt. Noted Aug. 2.

N. Y., New York—SCHOOLS—Bd. Educ., 500 Park Ave., plans by W. C. Martin, Flatbush Ave. extension and Concord St., Brooklyn, Evander Childs High School, 4 story, 281 x 364 ft., brick; Barnes Ave. and Gun Hill Rd. $3,100,000; and P. S. 93, 4 story, 178 x 182 ft., brick, Story and Boynton Sts. $850,000.

N. J., Dunellen—SCHOOL—Bd. Educ., Old New Market St., sketches by A. M. Korff, 203 Park Ave., Plainfield 2 story, basement, brick, steel, plain found., Lincoln Ave. and 1st St. $150,000.

N. J., Livingston—SCHOOL—Bd. Educ., Town Hall, 2 story, basement, brick, steel, plain found. North Livingston Section. $175,000. Architect's name withheld.

N. J., Newark — SCHOOL — Newark Academy, 544 High St., 2 story, basement, brick, steel, plain found. Orange St., and Branch Block Pk., $150,000. Engineer and architect not selected.

N. J., Newark—HIGH SCHOOL—Bd. Educ., City Hall, 3 story, basement, brick, steel, plain found. addition, Parker St., $300,000. Engineer and architect not selected.

N. J., South River — HIGH SCHOOL — Bd. Educ., Boro Hall, plans by A. Merchant, 52 Paterson St., New Brunswick, 2 story, basement, 100 x 120 ft., brick, steel, plain found. $150,000. Noted Aug. 2.

N. J., Trenton—HIGH SCHOOL—Bd. Educ., City Hall, plans by E. Sibley, Bluff Rd., Palisades, Central Senior High School, 2 story, basement, rein.-con., brick, steel, plain found. Chamber and Hamilton Aves., $3,000,000.

Pa., Pittsburgh—HIGH SCHOOL—Bd. Educ., Fulton Bldg., plans by Kiehnel, Elliott & Chalefont, Jenkins Arcade Bldg., 3 story, basement, brick, steel addition, Brushton Ave. $400,000.

Mich., Muskegon — CHURCH — Central Methodist Episcopal Church, plans by T. Sundt, Arch St., Phila., Pa., church, Muskegon St. Former bids rejected. Noted June 28.

Minn., Owatonna—CHURCH and PARSONAGE—St. Josephs Roman Catholic Church plans by Slifer & Abrahamson, 594 Endicott Bldg., St. Paul, 2 story, basement, 67 x 164 ft., brick, stone church and parsonage, plain found. $150,000.

Calif., Los Angeles—PHILOSOPHY—University of Southern California, plans by R. T. Flewelling, 423 Camden Dr., Beverly Hills, 3 story, 6 story tower, brick, steel, concrete, incl. office, classrooms, library vaults, reading room, etc. University site. $265,000.

Que., Verdun — CHURCH, PRESBYTERY and SACRISTY—A. Priest, pastor, Presbytery Parish of Norte Dame de Lourdes, 4843 Verdun St., soon lets contract. $300,000. A. Gravel, 294 St. Catherine St. E., Montreal, archt.

Ont., Oshawa — COLLEGIATE — Bd. Educ., 9 King St. W., 3 story, basement, rein.-con., brick, steel, stone, plain found. $200,000. Engineer and architect not selected.

Ont., Toronto—MUSEUM—Royal Ontario Museum, Bloor St. W., plans by Chapman & Oxley, Northern Ontario Bldg., 3 story, basement, rein.-con., brick, steel addition, plain found., Bloor St. W.

Bids Desired

Mass., Framingham — SCHOOL—Town, C. A. Potter, Chn., School Com., Beaumont Bldg., taking bids 2 story, basement, brick, stone, plain found., Beacon and Leland Sts. $150,000. E. I. Wilson, 109 State St., Boston, archt. Noted June 26.

Mass., Nantucket — HIGH SCHOOL—Town, Bd. Selectmen, taking bids, 2 story, basement, rein.-con., brick, stone, plain found., Academy Hill $180,000. Little & Russell, 20 Newbury St., Boston, archts. Noted Apr. 19.

N. Y., Brooklyn—SCHOOL—Sept. 5, by W. C. Martin, supt. school Buildings, Flatbush Ave. extension and Concord St., general contract P. S. 200, Benson Ave., Bay

Constr. News page 107

Buildings—Educational, Religious (Cont.)

22nd and 23rd Sts., for Bd. Educ., 500 Park Ave., New York.

N. Y., Buffalo—COLLEGE—Sept. 4, by G. F. Fisk, comr. P. Wks., Municipal Bldg., college building, vocational school, practice school, gymnasium, president's residence, and tunnels for New York State College for Teachers; adv. E. N.-R. Aug. 23.

N. J., Bordentown—DORMITORY—Aug. 30, by State Bd. Educ., Trenton, 3 story, basement, 65 x 161 ft., brick, steel, plain found., at Industrial School for Colored Youths. $150,000. Guilbert & Betelle, 20 Branford St., Newark, archts.

N. J., Cresskill—SCHOOL—Aug. 29, by Bd. Educ., Public School, Orchard St., 2 story, basement, rein.-con., brick, steel, plain found. $450,000. Noted July 26.

N. J., Little Ferry—SCHOOL—Bd. Educ., Main St., bids about Oct. 1, general contract 2 story, basement, brick, steel, addition, plain found. $150,000. Noted Aug. 9.

N. J., Oradell—HIGH SCHOOL—Sept. 10, by Bd. Educ., Kinderkermack Rd., general contract 3 story, basement, brick, steel, junior high school, plain found., Prospect St., $325,000. Noted July 12.

Pa., Brookline (mail Pittsburgh)—HIGH SCHOOL—Aug. 27, by School Bd., Haverford Twp., E. S. Moore, secy., Junior High School, 2 story, basement, 85 x 145 ft., and 56 x 225 ft., rein.-con., steel, stone, plain found., Boyd, Abel & Gugert, Otis Bldg., Phila., archts.

Pa., Erie—HIGH SCHOOL—Aug. 30, by Bd. Educ., R. S. Scobell, secy., West High School, 2 story, basement, 131 x 389 ft., brick, steel, concrete. $1,500,000. Meyers & Johnson, Commercial Bldg., archts. Noted Sept. 22, 1927.

D. C., Wash.—SCHOOL—Aug. 29, by District Comrs., District Bldg., constructing school, 19th and Columbia Rd. Noted May 10.

N. C., Durham—COLLEGE—Bd. Trustees North Carolina College for Negroes, taking bids 3 story, 60 x 150 ft. brick, stone, incl. administration building, classrooms, library, chemistry, physics and laboratories, etc. Fayetteville St., $150,000.

La., Orleans—SCHOOL—Sept. 14, at office Supervising Architect School Bd., City Hall, building McDonough School 2 and 3, A. J. Tete, secy.

Tenn., Knoxville—LABORATORY—Aug. 30, by T. D. Morris, secy. South College, University of Tennessee, laboratory building, on campus. Barber & McMurry, General Bldg., archts.

O., Akron—SCHOOL—Aug. 31, by Bd. Educ., Central High School Bldg., 2 story, basement, brick, steel, rein.-con. $175,000. M. M. Konarski, c/o owner, archt. Noted June 26.

Mich., Grosse Pointe (br. Detroit) — SCHOOL — Sacred Heart Convent taking bids 3 story, basement, brick, limestone. To exceed $150,000. Maginnis & Walsh, Statler Bldg., Boston, Mass., archts. Noted July 19.

Ill., Carbondale—SCIENCE and MANUAL ARTS—Aug. 28, by Bd. Trustees, State House, Springfield, 2 and 3 story, basement, rein.-con., brick, stone buildings, for Southern Illinois Teachers College. $225,000. W. J. Lindstrom, 568 Transportation Bldg., Chicago, archt. Noted Nov. 17, 1927.

Ill., Jacksonville—LIBRARY and ADMINISTRATION—Sept. 6, by D. B. Hull, archt., 210 East Ohio St., Chicago, 2 story, 90 x 100 ft., brick, stone, for Illinois College. $150,000. Noted Feb. 23.

Ia., Cedar Rapids — GYMNASIUM — Sept. 15, by Coe College c/o H. M. Gage, pres., 2 story, 142 x 200 ft., rein.-con., brick. $250,000. Graham, Anderson, Probst & White, 80 East Jackson Blvd., Chicago, Ill., archts.

Tex., Huntsville—LIBRARY—Sept. 1, by M. O. Flowers, Lockhart, chn. Bd. Regents, Texas Teachers College rein.-con., brick, hollow tile library. $200,000. W. E. Ketchum, Pope Bldg., Austin, archt.

Ont., Brantford—SCHOOL—Aug. 31, by A. K. Bunnell, secy. Bd. Educ., 3 story, basement, 75 x 120 ft., concrete, brick, steel, incl. boiler room, machine shop, mechanics shop, physics and chemistry laboratories, Brant Ave. $185,000. F. C. Bodley, Temple Bldg., archt.

Contracts Awarded

Me., Bath—HIGH SCHOOL—Bd. Educ., 2 story, basement, 105 x 155 ft., brick, fireproof, plain found., to N. W. Downing Co., Presque Isle, $198,212. Noted July 19.

Mass., Arlington Heights (br. Boston)—HIGH SCHOOL—Town School Bd. and H. B. S. Prescott, archt., 12 Pearl St., Boston, West Junior High School, 2 story, basement, brick, stone, addition, plain found., to F. B. Locatelli, 46 Cornhill, Boston. Est. $150,000. Noted July 26.

Mass., Auburn—SCHOOLS—Town, F. H. Allen, chn. Bd. Selectmen, two 2 story, basement, brick, stone, plain found., to McDermott Bros., 38 High St., Worcester. Est. $150,000.

Mass., Brighton (sta. Boston) — DIOCESAN — W. C. O'Connell, Roman Catholic Archbishop of Boston, 3 story, basement, brick, steel, limestone, plain found., to Frank Imhoff Co., 164 Dudley St., Roxbury. Est. $500,000.

Mass., Roxbury (sta. Boston)—COMMUNITY HOUSE—Temple Mishkan Tefila, H. A. Rubinwitz, rabbi, Seaver St., 3 story, basement, brick, rein.-con., plain found., to Matthew Cummings Co., 43 Tremont St. To exceed $150,000 or more. Noted June 21.

Mass., Southwick — SCHOOL — Town, School Bd., 2 story, basement, brick, stone, plain found., College Highway to L. D. Phillips Constr. Co., 10 Main St., Westfield. Est. $150,000.

Mass., Worcester—HIGH SCHOOL—City, P. Building Dpt., 3 story, 86 x 180 ft., brick and steel addition, Walnut and Sudbury Sts., to C. T. Rocheford, 16 Norwich St., $366,065, heating and plumbing to Tucker & Rice, $85,174.

Conn., Fairfield—SCHOOL—O. C. S. Ziroli, Post Rd., archt., 2 story, 112 x 170 ft., brick, and stone school, Stratfield Dist., also small school Grassmere Ave., to M. Noonan, 171 Sixth St., Bridgeport for Town. Est. $150,000. Noted May 10.

Conn., Uncasville—CHURCH—Uncasville Methodist Episcopal Church, 1 story, basement, 65 x 121 ft., brick and steel, with 75 ft. steeple, to Peck McWilliams & Co., 47 West Main St., Norwich. Est. $150,000.

Conn., West Haven (br. New Haven)—SCHOOL—Town, Bd. Educ., altering and constructing 1 and 2 story, 75 x 224 ft., brick, steel, cast stone addition, incl. gymnasium and auditorium, to W. Crute, 91 Howe St., New Haven. Est. $175,000. Noted Aug. 2.

N. Y., Glendale (mail Brooklyn) — SCHOOL—Bd. Educ., 500 Park Ave., New York, general contract P.S. 119, 78th Ave., to Concord Constr. Co., 476 Seneca Ave., Brooklyn, $531,000; plumbing, to Nally Plumbing Contg. Co., 177 West 97th St., New York, $30,243; heating, to D. J. Rice, Inc., 606 1st Ave., New York, $77,680. Grand total $638,923. Noted June 14.

N. Y., Granville—HIGH SCHOOL—Bd. Educ., W. L. Munson, chn., general contract 2 story, brick high school, to C. P. Boland & Co., 30 4th St., Troy $208,900. Est. $300,000. Noted July 26.

Pa., State College — ENGINEERING — Pennsylvania State College, 3 story, basement, 60 x 175 ft., and 49 x 68 ft., rein.-con., brick, limestone, steel, plain found., to Berkefile Bros., Johnstown. Noted July 12.

Ala., Tuscaloosa—EDUCATIONAL—University of Alabama, 3 story, basement, 95 x 167 ft., brick, steel, rein.-con., plain found., to Skinner Building Co., Tuscaloosa, $220,000.

O., Cleveland—CHURCH and SUNDAY SCHOOL — Bethany English Lutheran Church, J. H. Trout, pastor, 15470 Triskett Rd., 67 x 132 ft., brick, steel, Triskett and Rockport Rds., to F. H. Vogal, Ridge Rd. Est. $150,000.

Mich., Grand Rapids—PARISH HOUSE—East Congregational Church, general contract parish house, Gidding St., to Barnes Bros. Constr. Co., 404 Michigan Trust Bldg. $151,600. Noted July 26.

Ill., Chicago—SCHOOLS—Bd. Educ., 650 South Clark St., general contract elementary school 62nd St. and Hamlin Ave. and school Parker and Long Sts., to Thorgersen & Ericksen Co., 228 North La Salle St., $322,510 and $317,510 respectively.

Ill., Park Ridge — CHURCH — E. A. Nitsche, archt., 28 East Huron St., Chicago, general contract 2 story, L shape, brick, stone, to Schmidt Bros. Constr. Co., 22 East Huron St., Chicago, for St. Lukes English Lutheran Congregation. Est. $150,000. Noted July 5.

Minn., Owatonna—CHURCH and PARSONAGE—St. Joseph's Roman Catholic Church, general contract 2 story, basement, 64 x 164 ft., brick, stone church, and parsonage, plain found., to N. Wagner, Austin, $101,000. Est. $150,000.

Mont., Great Falls—HIGH SCHOOL—School Bd. Dist. 1, Cascade Co., 3 story, rein.-con., stone, steel, terra cotta high school, to Lease & Leigland, Great Falls $625,443. Est. $900,000. Noted July 12.

Ark., Jonesboro—CONVENT and HOSPITAL—Order of St. Benedict c/o St. Bernards Hospital, general contract 4 story, basement, 50 x 135 ft., rein.-con., brick, addition, to C. L. Staley, Memphis, Tenn. $107,000. Noted Aug. 9.

Tex., Port Arthur — HIGH SCHOOL — Bd. Educ., L. B. Abbey, secy., 2 story, brick, stone, rein.-con., to Central Contg. Co., Athletic Club Bldg., Dallas, $442,000; heating to Kinnison Bros., 1201 Lamar St., Dallas, $49,784. Noted July 19.

Federal Government Work

Proposed Work

Md., Baltimore—DREDGING—U. S. Engineer Office plans dredging in Baltimore harbor and channel.

Va., Norfolk—RIP RAP—U. S. Engineer Office plans rip rap stone for repairing Craney Island bulkhead.

La., New Orleans—WILLOW BRUSH—U. S. Engineer Office, 4th Dist., Mississippi River Comn., New Orleans, 25,000 cords of willow brush and 12,000 willow poles.

Tex., Galveston—THRUST SHAFTS—U. S. Engineer Office plans thrust shafts with nuts for dredge Galveston.

Wash., Sand Point — HANGAR, etc. — Spec. 5660—Bureau Yards & Docks, Navy Dpt., Wash., D. C., plans hangar and railroad track at Naval Air Station.

Ore., Salem — REMODELING — Treas. Dpt. at office Supervising Archt., Wash., D. C., cancelled bids to have been opened Aug. 21, U. S. Post Office. Noted July 26.

Calif., Crescent City—BREAKWATER—U. S. Engineer Office, San Francisco, plans breakwater construction.

Bids Desired

N. Y., Buffalo—DREDGING—Sept. 10, by U. S. Engineer Office, dredging and rock excavation in Buffalo Harbor.

N. Y., Governors Island (br. New York) —BARRACKS—Sept. 14, by Constructing Quartermaster, 1 barracks building at Fort Jay; adv. E.N.-R. Aug. 23.

Pa., Pittsburgh — WARDS — Sept. 5, by Treas. Dpt. at office Supervising Archt., Wash., D. C., additional wards at Marine Hospital.

Maryland — DREDGING — Sept. 13, by U. S. Engineer Office, Custom House, dredging in Crisfield and Cambridge Harbors; adv. E. N.-R. Aug. 23. Noted July 12.

D. C., Wash.—GUARD HOUSE—Sept. 4, by Constructing Quartermaster, Main Building, Walter Reed Hospital, constructing guard house, at Walker Reed Hospital.

D. C., Wash.—VENTILATING—Oct. 1, by D. Lynn, archt. of Capitol, ventilation and air conditioning Senate Chamber; adv. E. N.-R. Aug. 23.

Va., Quantico—GENERATING PLANT—Spec. 5602—Sept. 5, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., steam generating plant, water tube boiler, air cooled boiler settings, at U. S. Marine Barracks; adv. E. N.-R. Aug. 23. Noted Aug. 2.

Va., Quantico—BULDINGS—Sept. 5, by Bureau Yards & Docks, Navy Dpt., Wash., D. C., buildings at U. S. Marine Barracks; adv. E.N.-R. Aug. 28. Noted Aug. 9.

Ga., Augusta — GARAGE — Sept. 4, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., addition to garage at U. S. Veterans Hospital.

Ga., Columbus—WATER PIPING—Aug. 30, by Treas. Dpt. at office Supervising Archt., Wash., D. C., water piping at U. S. Post Office.

Fla., Miami Beach—TOP SOIL—Sept. 12, by U. S. Engineer Office, Jacksonville, placing 1,750 cu.yd. on North United States Reservation.

La., New Orleans—FILL—Aug. 27, by U. S. Engineer Office, 4th Mississippi River Comn., hydraulic fill for levee strengthening.

Tenn., Chattanooga — GENERATOR SETS — Sept. 21, by U. S. Engineer Office, 2 diesel engine generating sets, propelling motors, for Diesel-electric towboat; adv. E. N.-R. Aug. 23.

Ind., Terre Haute — ELEVATOR — Aug. 28, by Treas. Dpt. at office Supervising Archt., Wash., D. C., elevator in U. S. Post Office.

Mich., Detroit—HOSPITAL—Sept. 13, by Treas. Dpt. at office Supervising Archt., Wash., D. C., main building and garage; also mechanical equipment for U. S. Marine Hospital.

Ill., Chicago — ROADS — Sept. 11, by Treas. Dpt., at office Supervising Archt., Wash., D. C., walks, roads, etc., at U. S. Marine Hospital.

Ia., Knoxville — GREENHOUSE — Sept. 4, by U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing Greenhouse at U. S. Veterans Hospital.

Tex., Corsicana—POST OFFICE—Sept. 14, by Treas. Dpt. at office Supervising

Constr. News page 108

Federal Government Work (Continued)

Archt., Wash., D. C., extending, remodeling U. S. Post Office.

Wash., Fort Lewis—BARRACKS—Sept. 6, by Constructing Quartermaster, 1 Combat Engineer Regimental Barrack and 2 Combat Engineer Regimental Battalion Barracks; adv. E.N.-R. Aug. 23.

California — GRADING — Aug. 30, by Natl. Park Service, Dpt. Interior, San Francisco, Camp Houle-Alder Creek Sect. Route 2, Yosemite Natl. Park Hy. System.

California—ROAD—Aug. 30, by Bureau P. Roads, Dpt. Agriculture, San Francisco, grading Fish Camp-Oakhurst Sect. Wayona-Auberry Natl. Forest Hy.

Calif., Riverside—QUARTERS—Sept. 20, at office Constructing Quartermaster, March Field, one set Bachelor Officers Quarters; adv. E. N.-R. Aug. 23.

Bids Received

Miss., Greenwood—REMODELING, etc. —Treas. Dpt. at office Supervising Archt., Wash., D. C., Aug. 10, remodeling, enlarging post office, from A. Blair, Montgomery, Ala., $37,200. Noted July 12.

Pa., Beaver Falls — REMODELING — Treas. Dpt. at office Supervising Archt., Wash., D. C., remodeling, enlarging U. S. Post Office, from H. V. Kirker Co., Beaver Falls, $14,325. Noted July 26.

Ind., Hammond — REMODELING — Treas. Dpt. at office Supervising Archt., Wash., D. C., court house and post office, from W. MacDonald Constr. Co., Syndicate Trust Bldg., St. Louis, Mo., $139,446. Noted July 19.

Michigan—DREDGING—U. S. Engineer Office, Detroit, Aug. 6, from Duluth Superior Dredging Co., foot 45th Ave., Duluth, Minn., dredging 834,500 cu.yd. Course 7, Middle Neebish Channel, St. Mary's River, at $0.245 per cu.yd.; 1,343,000 cu.yd. widening Course 5 $181,305. Noted July 12.

Mich., Wyandotte — FOUNDATIONS — Treas. Dpt. at office Supervising Archt., Wash., D. C., for U. S. Post Office, to A. M. Lundberg, Federal Reserve Bank Bldg., St. Louis, Mo., $21,200. Noted Aug. 9.

S. D., Mitchell — EXTENSION — Treas. Dpt. at office Supervising Archt., Wash., D. C., Aug. 17, extending, remodeling U. S. Post Office, from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $43,900. Noted July 26.

Calif., Riverside—POST OFFICE—Treas. Dpt. at office Supervising Archt., Wash., D. C., remodeling, enlarging U. S. Post Office, to R. H. Spurgeon, Riverside, $19,236. Noted Aug. 8.

Contracts Awarded

N. J., New Brunswick—REMODELING —Treas. Dpt. at office Supervising Archt., Wash., D. C., enlarging post office, to J. P. Foley & Sons, 814 Little Bldg., Boston, Mass., $24,621. Noted Aug. 9.

Pa., Sharpsburg — ELEVATOR MACHINE—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., elevator machine in infirmary building, U. S. Veterans Hospital, Aspinwall to Westbrook Elevator Co., Danville, Va., $3,500. Noted July 12.

La., Carville—ENGINE GENERATOR—Treas. Dpt. at office Supervising Archt., Wash., D. C., engine generator at Lepers Home, to R. Morton, Equitable Bldg., Baltimore, Md., $15,750. Noted July 26.

Kan., Newton — REMODELING—Treas. Dpt. at office Supervising Archt., Wash., D. C., U. S. Post Office, to W. D. Lovell, 1415 8th St. S. E., Minneapolis, Minn., $19,967. Noted July 12.

Wash., Fort Lewis—QUARTERS—Constructing Quartermaster, 6 company officers quarters to E. Anderson, Tacoma, $67,200; 5 non-commissioned officers quarters to Tumwater Lumber Mill Co., Olympia, $29,842. Noted Aug. 9.

Unclassified

Proposed Work

PLAYGROUND—**Charlestown** (sta. Boston), **Mass.**—City of Boston, Park Dpt., 33 Beacon St., Boston, plans improving Berry Playground. $45,000 appropriated. W. P. Long, chn.

PLAYGROUND — **Dorchester** (sta. Boston), **Mass.**—City, Park Dpt., 33 Beacon St., Boston, playground. $75,000 appropriated. W. P. Long, chn.

AIRPORT—**East Greenwich, R. I.**—Gaco Corp., J. F. Riley, mgr., plans airport. $25,000 or more. Private plans.

COMFORT STATION — **Rockaway Park** (Ind. sta. Far Rockaway), **N. Y.** — Dpt. Parks, Forest Park, Richmond Hill, plans by G. V. Grand, c/o owner, 40 x 65 ft. comfort station, 116th St. and Trenton Ave. $50,000.

DOCKS and TERMINAL—**Arabi, La.**—A. P. Perrin, granted franchise construction docks, terminals in front of Scardale Plantation along Mississippi River, 11 mi. below N. O. east bank of Mississippi River. Engineer not selected.

GRADE CROSSING ELIMINATION — **Cleveland, O.** — New York, Chicago & St. Louis R.R. Co., A. C. Harvey, ch. engr., Terminal Tower Bldg., soon takes bids steel superstructure 13 overhead grade crossing elimination, steel.

SWIMMING POOL—**Cleveland, O.**—City, plans rein.-con., swimming pool West 135th St. and Lorain Ave., $50,000. T. Joyce, City Hall, engr.

SILO—**Chicago, Ill.**—Wisconsin Lime & Cement Co., Conway Bldg., 6 story, 58 x 168 ft., concrete storage silo, 1070-90 North Branch St. $95,000. Russell Eng. Co., 513 West Jackson Blvd., engrs.

AIRPORT — **East St. Louis, Ill.** — St. Louis Air Transport & Terminal Co., c/o M. C. Steinberg & Co., Boatmens Bank Bldg., St. Louis, Mo., preliminary plans airport on 540 acre tract on Illinois State Hy. 3, incl. 5 hard-surfaced runways, one 7,600 ft., two 5,400 ft., and two 4,800 ft. long, 3 hangars, administration building, shops, power house, meteorological station, fire control station. $1,000,000. P. R. Love & T. P. Sultan, 6625 Delmar Blvd., St. Louis, Mo., engrs.

BOILER and HEATER—**Chillicothe, Mo.** —Water tube boiler and feed water heater, each 1500 hp., for boiler plant. A. E. Harper, 4010 Penna St., Kansas City, engr.

GAS SYSTEM—**Corpus Christi, Tex.**—See "Waterworks."

HANGAR — **Oakland, Calif.** — City of Oakland Port Comm. Oakland Bank Bldg., plans 300 ft. long 120 ft. span-steel, hangar. Private plans.

GRAIN ELEVATOR—**St. John, N. B.**—Maple Leaf Milling Co., Dominion Bank Bldg., Toronto, A. R. McDonald, mgr., grain elevator and milling plant, here. $750,000.

AERIAL BASE — **Quebec, Que.** — Canadian Transcontinental Airways Co., plans aerial base at Wolfes Cove. $140,000.

AIR PORT—**Hamilton, Ont.**—City Council, civic air port. $250,000.

GRAVEL HANDLING PLANT — **Hilton Beach, Ont.** — P. Hayworth, Bruce Mines, gravel handling washing and loading plant, also electric power plant. $350,000.

Bids Desired

GRANITE FACINGS, etc.—**New York and New Jersey**—Sept. 4, by New York State Bridge & Tunnel Comn. and New Jersey Interstate Bridge & Tunnel Comn., New York Administration Bldg., New York, granite facing open cut portions and portals entrances and exits Holland Tunnel, etc., Contrs. 15 and 16; adv. E. N.-R. Aug. 23.

DOCK WALL—**Albany, N. Y.**—Aug. 31, at office Albany Port Dist. Comn., concrete, block dock wall, Contr. 13. A. G. Chapman, ch. engr.; adv. E. N.-R. Aug. 23.

HANGARS, etc.—**Buffalo, N. Y.**—Sept. 4, by G. Fisk, comr. P. Wks., Municipal Bldg., two 1 story, 100 x 160 ft., and 80 x 80 ft., brick, steel hangars, central heating plant and gas storage house at Airport, Genesee St. and Cayuga Rd. $55,000. H. Beck, 374 Delaware Ave., city archt.

STEEL WORK, etc.—**Comstock, N. Y.**—Aug. 28, by Commissioner Correction, 11 North Pearl St., Albany, structural steel and bar guards, for extension to Mess Hall, Great Meadow Prison; adv. E. N.-R. Aug. 23.

ELECTRICAL WORK — **Kings Park, N. Y.**—Sept. 19, by Commissioner Mental Hygiene, Albany, electrical work, rewiring Buildings B, C and D, Kings Park State Hospital; adv. E. N.-R. Aug. 23.

SUBWAY—**Long Island City, N. Y.**—Sept. 7, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., New York, constructing Sect. 1, Route 108, Rapid Transit R.R. along and under Jackson Ave. and Northern Blvd.

EXIT FACILITIES—**Middletown, N. Y.** —Sept. 5, by Commissioner Mental Hygiene, Capitol, Albany, exit facilities, fire stops at Middletown State Homeopathic Hospital; adv. E. N.-R. Aug. 23.

GATE SYSTEMS — **Napanoch, N. Y.** — Sept. 6, by Commissioner Dpt. Correction, 11 Pearl St., Albany, gate systems, at Institution for Defective Delinquents; adv. E. N.-R. Aug. 23.

REPLACING ROOF—**Napanoch, N. Y.**— Sept. 6, by Commissioner Dpt. Correction, Albany, replacing roof main building, Institution for Defective Delinquents; adv. E. N.-R. Aug. 23.

FERRY BOATS—**New York, N. Y.**—Aug. 29, by Dpt. Mental Hygiene, Albany, N. Y., 2 double end steel Diesel electric ferryboats for Manhattan State Hospital, Wards Island; adv. E. N.-R. Aug. 23. Noted Aug. 9.

FERRY BOAT MACHINERY — **New York, N. Y.** — Sept. 12, by Dpt. Mental Hygiene, Capitol, Albany, machinery for 2 double end steel diesel electric ferry boats for Manhattan State Hospital, Wards Island; adv. E. N.-R. Aug. 23.

TRACKS, etc.—**New York, N. Y.**—Aug. 31, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., installing tracks and contact rail for part Rapid Transit R.R.

FIRE SPRINKLERS — **Poughkeepsie, N. Y.**—Sept. 19, by Commissioner Mental Hygiene, Capitol, Albany, covering automatic fire sprinklers, Hudson River State Hospital; adv. E. N.-R. Aug. 23.

NATATORIUM—**Elizabeth, N. J.**—Aug. 27, by Bd. Pub. Wks., City Hall, erection and equipping for natatorium. $50,000. T. Collins, City Hall, engr.

GRADE SEPARATION—**Ohio**—Aug. 31, by H. J. Kirk, dir. Hys., Columbus, grade separation in Athens, Montgomery, Richland, Delaware and Tuscarawas Counties. Engr. est. $320,000.

TRANSFORMER CORES—**Chicago, Ill.** —Sept. 6, by M. J. O'Brien, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., 22 transformer cores, winding and water coil, f.o.b. cars Lockport. T. J. Crowe, pres.; adv. E. N.-R. Aug. 23.
F. G. W.

GRADE SEPARATION—**Wisconsin and Michigan**—See "Bridges."

PUMPING EQUIPMENT—**Dallas, Tex.** —Sept. 7, at office M. G. James, city secy., pumping equipment at Bachman's Dam. J. B. Winder, ch. engr. Water Dpt.; adv. E. N.-R. Aug. 23.

FERRY LANDINGS—**Galveston, Tex.**—Sept. 4, by J. M. Murch, aud. Galveston Co., 2 ferry landings, one at 9th St., incl. 6,600 cu.yd. earth excav., 46,470 lb. structural steel, other at Port Bolivar, 50,000 cu.yd. earth excav. 46,476 lb. structural steel. C. Washington, Galveston, co. engr.

WEIR—**Hub** (mail Hardwick), **Calif.**—Aug. 31, by B. L. Scutt, secy. Laguna Irrigation Dist., rein.-con. weir, 285 cu.yd. rein.-con.

Contracts Awarded

OVERHEAD CROSSING — **Wisconsin**— State Hy. Comn., Milwaukee, Blue Mounds Overhead, Project 268-A, to Kroening Constr. Co., 5th and Windlake Aves., Milwaukee, $58,499. Noted Aug. 9 under "Streets and Roads."

DOCK and BREAKWATER — **Kenosha, Wis.**—Concrete dock and breakwater, to G. A. Green, 1000 South Jackson St., Green Bay $41,015.

LIGHTING SYSTEM — **Los Angeles, Calif.**—Bd. Pub. Wks., ornamental street lighting system in San Pedro, Wilshire Blvd., and Beverly Blvd., to Newbery Electric Corp., 726 South Olive St., Los Angeles, $52,799. Noted July 26.

GRAIN ELEVATOR—**Collingwood, Ont.** —Collingwood Terminals, Ltd., rein.-con. grain elevator, to E. G. M. Cape & Co., 10 Cathcart St., Montreal, Que. Est. $800,000.

Materials

Bids Desired

MINERAL AGGREGATE, etc. — **Long Island City, N. Y.** — Aug. 30, by B. M. Patten, pres. Queens Boro, Queens Subway Bldg., 500 cu.yd. mineral aggregate; 50,000 gal. asphaltic macadam binder, in tank cars alongside Asphalt Plant 3, Knights Siding, Glendale.

PORTLAND CEMENT — **New York, N. Y.** — Aug. 28, by J. Miller, pres. Manhattan Boro, Municipal Bldg., 15,000 bags portland cement; 2,000 cu.yd. concrete and paving sand.

PILING—**Minneapolis, Minn.**—Aug. 27, by F. S. Gram, city purch. agt., one thousand 20- to 30-ft. lengths piling for Dpt. Sewers. N. W. Elsberg, city engr.

PIPE—**Santa Ana, Calif.**—E. L. Vegely, city clk., taking bids 688 ft. 16 in., 3,584 ft. 12 in., 578 ft. 10 in., 816 ft. 8 in. 4,302 ft. 6 in., 600 ft. each 2 and 4 in. c.i. pipe.

BELL and SPIGOT PIPE—**El Centro, Calif.**—Sept. 5, by J. C. Neale, city clk., 5,000 ft. 4 in. Class "B" bell and spigot c.i. pipe in 12 or 16 lengths.

See proposal advertising on page 111

Constr. News page 109

UNIT PRICES

Dam—Albany, N. Y.

Twenty-two bids were opened by Board of Water Supply, 101 State St., Apr. 17, diversion dam in Basic Creek, Westerlo, difference between low and average, 27 per cent. Engineer's Estimate, lowest three and highest bids are given below. Bidders are: (A) Engineer's Estimate; (B) H. J. Dumary, 119 State St., (awarded contract); (C) S. B. Easton, Albany; (D) Law Brothers Co., Herkimer; (E) A. J. Johnson Corp., Long Island City. Whitman, Requardt & Smith, 11 North Pearl St., Albany, engineers. Robert E. Horton, Voorheesville, consulting engineer.

	A	B	C	D	E
Clearing (lump sum)	$1,450.00	$4,000.00	$7,000.00	$4,000.00	$6,300.00
3,940 cu.yd. stripping excavation	1.50	1.00	.60	.90	1.85
14,000 cu.yd. gen. earth excavation	1.25	.65	.60	.90	1.26
1,100 cu.yd. trench excavation, 0 to 10 ft	2.00	1.50	2.00	1.50	5.60
110 cu.yd. trench excavation, 10 to 15 ft	3.00	3.50	3.00	5.00	10.50
100 cu.yd. trench excavation, over 15 ft	4.50	5.00	5.00	6.00	22.50
700 cu.yd. general rock excavation	4.00	4.00	6.00	4.50	7.50
125 cu.yd. rock excavation, no blasting	8.00	8.00	10.00	8.00	22.50
40,000 cu.yd. embankment	1.05	.65	.70	.60	1.15
6,500 sq.yd. top soil, etc.	.60	.10	.50	.30	.48
3,150 cu.yd. slope paving	7.00	2.50	3.00	3.70	5.20
600 bags grouting of paving	1.20	1.25	1.25	1.50	1.95
8,700 sq.ft. sheet piling	2.00	1.80	1.50	1.00	1.25
4,320 cu.yd. concrete, heavy sect	14.00	11.00	13.00	14.50	18.25
1,350 cu.yd. concrete, moderate sect	16.00	12.50	16.00	16.00	25.00
55 cu.yd. concrete, light sect	25.00	25.00	30.00	20.00	27.00
45,000 sq.ft. concrete protection	.03	.035	.05	.08	.045
102,000 lb. reinforced steel	.06	.04	.06	.06	.09
Sluice gates (lump sum)	1,505.00	1,050.00	1,500.00	2,300.00	2,100.00
Miscellaneous iron (lump sum)	2,700.00	1,925.00	3,000.00	2,500.00	2,700.00
Gate house (lump sum)	1,200.00	800.00	1,500.00	4,000.00	3,750.00
20 M. ft. b.m. lumber in place	60.00	45.00	80.00	90.00	0.01
Totals	$215,340	$150,410	$176,124	$179,961	$260,492

Engineering News-Record, Issue of August 23, 1928.

Filter Plant and Pumping Station—Kenilworth, Ill.

Village opened bids Jan. 16 for filter plant and pumping station on lake front. Plant will be built against low bluffs 25 ft. high. Most difficult part of work is excavation in bluff and construction of retaining walls in front of bluff. Roof of building will constitute promenade deck architecturally treated, which is reached by few steps from street and affords good view of lake shore. Building space also provides for bath house, including lockers and showers, as beach near water-works is used for bathing. Bidders are: (A) Bierd, Lydon & Grandpre, La Salle St. and Wacker Drive, Chicago, (awarded contract); (B) M. L. Miller & Co., North Chicago; (C) Priester Construction Co., Davenport, Ia.; (D) Sumner-Sollit Co., Chicago; (E) Hoeffer & Co., Chicago. Pearse, Greeley & Hansen, 6 North Michigan Ave., Chicago, engineers.

	A	B	C	D	E
1,500 cu.yd. earth excav.	$2.00	$1.50	$1.89	$2.90	$1.75
5 cu.yd. rock excav. (lump sum)	25.00	25.00	25.00	25.00	25.00
115,000 lb. reinf. steel	.05	.046	.048	.05	.05
200 cu.yd. conc. Class A (floors)	12.50	12.00	14.60	17.50	16.00
575 cu.yd. conc. Class A (walls and beams)	25.35	24.00	26.20	26.00	25.00
10 cu.yd. conc. Class B	11.00	11.00	13.00	16.00	12.00
12,000 lb. structural steel and iron	.11	.10	.06½	.07½	.06
2,000 lb. miscellaneous iron castings	.14	.10	.09½	.13	.09
500 sq.ft. floor grating	1.10	1.15	1.14	1.06	1.10
Superstructure (Alternate A, lump sum)	17,088.00	20,770.00	21,625.00	21,000.00	23,670.00
Superstructure (Alternate B, lump sum)	21,000.00	24,400.00	25,328.00	25,000.00	26,000.00
8 in. sewer connection (lump sum)	2,000.00	1,450.00	2,067.00	2,700.00	3,654.00
Removing existing structure (lump sum)	500.00	250.00	800.00	350.00	500.00
Maintenance of pumping service (lump sum)	650.00	1,000.00	850.00	1,700.00	1,800.00
5,000 ft. b.m. sheeting left in place	50.00	50.00	50.00	40.00	25.00
5,000 ft. b.m. plank foundation	40.00	50.00	50.00	80.00	70.00
Totals (Alternate A)	$48,799	$49,820	$53,877	$56,745	$57,644
Totals (Alternate B)	52,711	53,450	57,580	60,745	59,974

Engineering News-Record, Issue of August 23, 1928.

Constr. News page 110